JAN 20 1986

Lancaster Farming

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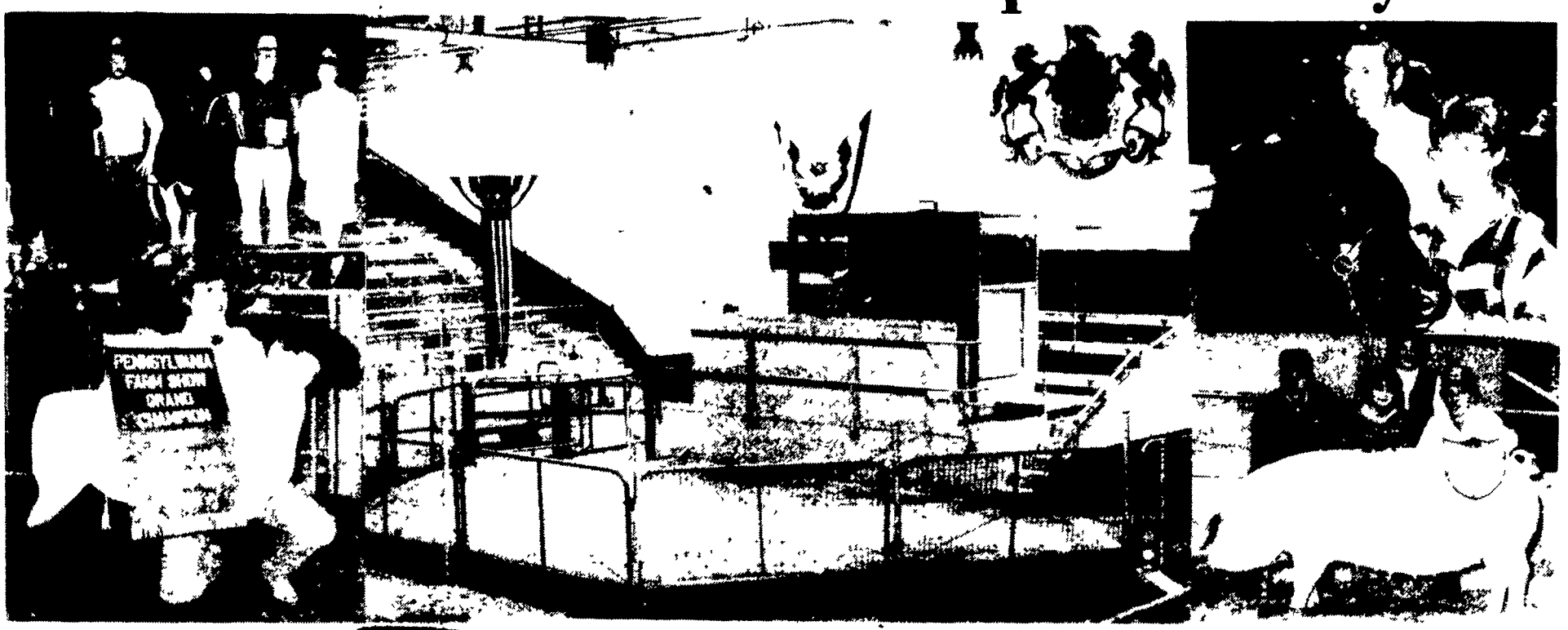
70th annual Farm Show opens Sunday



An empty arena awaits the crowning of the new Farm show champions this week. On the sides are last year's champions, top left, Holstein reserve champion Scott Fisher, left and grand champion winner Donald Hostetter with state Dairy Princess Lynette Loper. Bottom left, Margaret Herr of Lancaster County with her grand champion market lamb. Top right, Kelly Rohrer of Manheim is congratulated by then-Ag Secretary Penrose Hallowell, after winning the Grand Champion Junior Beef Steer competition. And bottom right, veteran Landrace exhibitors Harold II, Barbara Sue, Barbara Ann and John Mummett pose with their champion gilt.

HARRISBURG — The 70th Annual Pennsylvania Farm Show will open Sunday in Harrisburg and continue through the week. Featuring a host of contests, exhibits and foods, this event seeks to promote Pennsylvania agriculture by recognizing the outstanding achievements of the state's largest industry.

With the theme "Pennsylvania Agriculture — Growing Ideas for the Future," this year's show will emphasize the accomplishments, leadership and technological impact of Pennsylvania agriculture.

Farmers, agricultural and agribusiness leaders from at least 20 states, Canada and several other nations, as well as visitors from cities and suburbs around the state flock to the Farm Show Complex every January for this unique event.

Events open to the public begin at noon on Sunday with grand opening ceremonies conducted by Governor Thornburgh in the large

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Avian influenza outbreak reported in Snyder County

BY JACK HUBLEY

HARRISBURG — For the first time since the final quarantine was lifted on Oct. 4, 1984, the avian influenza virus has surfaced in a Pennsylvania poultry flock, according to the Pennsylvania Department of Agriculture's Bureau of Animal Industry.

Discovered in a Freeburg-area (Snyder Co.) broiler flock, the virus was first diagnosed at Penn State's diagnostic laboratory by Dr. David Kradel shortly after an infected sample of birds arrived on Dec. 30. Samples were then sent to the USDA's National Veterinary Services Lab in Ames, Iowa, and Kradel reports that he received the test results on Jan. 8.

"At this point we do have a confirmed diagnosis of avian influenza," Kradel said during an interview on Thursday. "And based on blood serology, it does appear to be H5N2." The label H5N2 refers to the same type of virus that decimated flocks of laying hens, broilers and turkeys in southeastern Pennsylvania beginning in the spring of 1983.

The veterinarian stressed, however, that officials do not know just how virulent the current outbreak is. Mortality in the infected flock reached about 18 percent before the flock actually returned to a "basically normal" condition, he said.

"Not all H5N2's are highly pathogenic," Kradel pointed out. According to one USDA report, avian flu virulence was highly variable during the original outbreak, with death losses ranging from five percent of infected flocks early in the outbreak, to losses in excess of 90 percent beginning in Oct. 1983.

Although the origin of the current outbreak is unknown, officials may have a lead. "The initial information I have suggests that a possible source of introduction could have been some interstate haulers who had been there on Dec. 16," Kradel said. According to the veterinarian, a truck from New Jersey had arrived at the farm to pick up a partial load of birds bound for New York.

According to BAI director Dr. Max Van Buskirk, the flock of about 8,000 seven-week-old roasters was scheduled to be destroyed yesterday. ("Roaster"

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Farm Show highlights

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Gehringer named to Lancaster Farming staff

LITITZ — Lancaster Farming is pleased to announce the appointment of Martha J. Gehringer as dairy editor.

Gehringer grew up on her family's farm in Bally. There her father and uncle maintain a herd of Holstein and Brown Swiss. She gained her interest in the dairy field through numerous 4-H dairy projects. She continues to work with 4-Hers in the role of leader with Montgomery County.

Gehringer attained her bachelor's degree in dairy husbandry from Delaware Valley College in 1983. While there she served as a feature writer for the college newspaper as well as editor of the college magazine. For the past five years she has worked with Lancaster Farming as a correspondent.

Previously she was employed by Atlantic Breeders Cooperative as a roving sales technician traveling throughout the state breeding cows.

Martha J. Gehringer

Visit the Lancaster Farming booth (No. 274) at the Farm Show

Livestock market and auction news

Some markets not available

due to technical failure at USDA

Lancaster Market

Monday, Jan. 6
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts	1249	123	738	481	184
Last Monday	1234	141	746	207	124
Last Year	1014	160	822	365	221
Monday's Auction	1174	129	684	403	262
Last Monday's Auction	1229	150	732	230	123

CATTLE: Compared to last Monday slaughter steers uneven, Choice .50 lower instance 1.00 lower, Good to low Choice 1.00-2.00 lower; slaughter heifers steady to 1.00 lower; cows .50-1.00 lower; bulocks scarce; bulls 1.00-2.00 lower. Supply included 67% slaughter steers, 11% slaughter heifers, 13% cows, with the balance bulls.

SLAUGHTER STEERS: Few head mixed Choice and Prime 2-4 1135-1375 lb. 65.00-66.10; Choice 2-4 1100-1450 lb. 61.50-64.00, few 64.00-64.50; high Good and low Choice 2-3 1050-1350 lb. 58.00-61.50; Good 2-3 1000-1250 lb. 53.00-58.50; Good and Choice 1200-1550 lb. Holsteins 42.00-46.25, few Choice 47.00-49.25, Standard and low Good 39.50-41.50.

SLAUGHTER HEIFERS: Choice 2-3 950-1260 lb. 58.00-61.50, few head 61.50-63.50, with a couple yield grade 2 1385-1400 lb. 64.00-64.25; Good 2-3 53.00-58.00.

COWS: Breaking Utility and Commercial 2-4 36.50-39.50, few 39.50-41.00; Cutter and Boning Utility 1-3 34.50-37.00, few 37.50-38.00; Canner and low Cutter 32.00-34.50, few 31.00-32.00.

BULLOCKS: Good 1-2 950-1200 lb. 46.50-50.00; few Choice 1-3 1050-1300 lb. 51.00-53.75.

BULLS: Yield grade 1 1300-1900 lb. 47.50-50.50, couple 51.00-55.25; yield grade 2 1000-1350 lb. 43.00-47.50.

VEAL CALVES: Vealers mostly steady. Demand good for Holstein bulls to return to farm. Supply included 12 head Prime special fed bought to arrive at 125.00.

VEALERS: Few head Choice and Prime 225-325 lb. 95.00-110.00; Choice 160-300 lb. 75.00-95.00; high Good and low Choice 140-320 lb. 55.00-75.00, 110-140 lb. 48.00-60.00, 80-110 lb. 35.00-45.00.

SLAUGHTER CALVES: Good and Choice 350-475 lb. 45.00-55.00.

RETURNED TO FARM: Bulk 100-120 lb. Holstein bulls 70.00-90.00.

SHEEP: Wooled lambs firm to 2.00 higher; slaughter ewes 10.00-15.00 higher.

WOOLED LAMBS: High Choice and Prime 85-110 lb. 72.00-78.00, few 80.00; Choice 80-105 lb. 70.00-75.00; Good 80-110 lb. 68.00-72.00, 60-80 lb. 70.00-85.00; few Choice 40-50 lb. New crop lambs 95.00-115.00.

SLAUGHTER EWES: Utility and Good 40.00-50.00, few 30.00-40.00.

GOATS: All goats sold by the head; firm to 5.00 higher, instances 10.00 higher on Large; Large mature 60.00-70.00, with about 20 head 75.00-90.00; Medium 45.00-65.00; Small 35.00-45.00.

Vintage Market

Tuesday, Jan. 7
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	965	909	2	4
Last Tuesday	780	752	1	0
Last Year	1106	963	2	2

CATTLE: Compared to last Tuesday slaughter steers 1.00-2.00 lower; slaughter heifers not fully tested; cows weak to 1.00 lower, instances 2.00 lower mainly on Commercial; bulls steady. Supply included 31 percent slaughter steers and 65 percent cows.

SLAUGHTER STEERS: Few head mixed Choice and Prime 2-3 1175-1325 lb. 64.75-66.25, couple head 67.00-67.25; Choice 2-4 1050-1375 lb. 60.75-62.75, few head 63.00-64.25; high Good and low Choice 2-3 1000-1350 lb. 58.00-61.00.

SLAUGHTER HEIFERS: Few head Choice 2-3 975-1100 lb. 58.00-59.75.

COWS: Breaking Utility and Commercial 2-3 36.00-40.00, few high dressing 40.00-41.75; Commercial 3-4 33.50-37.00; Cutter and Boning Utility 1-3 33.00-36.50, several 36.50-39.50; Canner and low Cutter 31.00-33.50, few 28.00-31.00.

BULLS: Yield grade 1 1350-1925 lb. 44.00-45.00, individual 2395 lb. 41.00; few yield grade 2 1050-1350 lb. 40.00-43.50.

VEAL CALVES: Vealers mostly steady. Supply included 682 in graded scale of which 66 percent sold to return to farm.

VEALERS: Few Choice 140-290 lb. 76.00-85.00; high Good and low Choice 140-300 lb. 57.00-73.00, 110-140 lb. 44.00-60.00, 80-105 lb. 30.00-40.00 few 40.00-43.00, 60-80 lb. 25.00-32.00.

RETURNED TO FARM: 50 head 120-125 lb. Holstein bulls 90.00-91.00, 225 head 100-115 lb. 94.00-96.00, 60 head 90-95 lb. 80.00-82.00; 35 head small frame 110-125 lb. 75.00-77.00, 120 head 90-105 lb. 40.00-42.00.

SHEEP: No test.

GOATS: All goats sold by the head; couple head Medium 50.00-57.00; individual Large billy 75.00.

Lancaster Auction

Wednesday, Jan. 8
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	378	14	472	5
Last Wednesday	HOLIDAY			
Last Year	231	26	439	0
Wednesday's Auction	277	14	458	0
Last Wednesday's Auction	HOLIDAY			

CATTLE: Compared to Monday slaughter steers 1.00-3.00 lower; cows 1.00-1.50 lower; slaughter heifers and bulls not fully tested. Supply included 80 percent slaughter heifers.

SLAUGHTER STEERS: Choice 2-4 1175-1350 lb. 59.00-62.00, few head 62.00-63.00; high Good and low Choice 2-3 1100-1400 lb. 55.75-59.00; few Good 2-3 1000-1250 lb. 53.50-56.00.

COWS: Breaking Utility 1-3 35.50-36.00; Cutter and Boning Utility 1-3 33.25-35.75, couple 36.00-36.75; Canner and low Cutter 30.00-33.00.

BULLS: Few yield grade 1 1250-1525 lb. 42.75-44.25.

VEAL CALVES: Small supply high Good and low Choice 80-110 lb. steady at 35.00-45.00.

SHEEP: None.

New Holland Livestock

New Holland, Pa.
Thursday, Jan. 9

CATTLE 850: Compared to last Thursday slaughter steers 1.00-3.00 lower; slaughter heifers 2.00-4.00 lower; cows 1.00-2.00 lower; bullocks scarce; bulls weak to 2.00 lower. Supply included 35 percent slaughter steers and 52 percent cows.

SLAUGHTER STEERS: Few head high Choice and Prime 2-4 1200-1375 lb 63.50-64.00; few Choice 2 1150-1350 lb 63.75-64.75, couple 66.25-67.00; Choice 2-4 1075-1450 lb 59.00-63.00, mainly 60.50-63.00; high Good and low Choice 2-3 1050-1325 lb 57.00-59.75; Good 2-3 53.75-57.50; Good and Choice 1250-1475 lb Holsteins 44.25-46.75; few low Good 42.50-44.00.

SLAUGHTER HEIFERS: Few Choice 2-3 850-1125 lb 53.50-58.75; Few Good 2-3 925-1150 lb 48.00-54.50.

COWS: Breaking Utility and Commercial 2-4 34.75-38.75, few 39.00-40.40; Cutter and boning Utility 1-3 33.00-36.00, several 36.00-37.50; Canner and low Cutter 30.50-33.00, few 29.50-31.00.

BULLOCKS: Good 1-2 1000-1300 lb 51.00-54.00, couple Choice 2 58.75.

BULLS: Yield grade 1 1350-2135 lb 44.00-46.00, few 46.50-48.75; yield grade 2 1000-1350 lb 41.00-44.00.

VEAL CALVES 574: Vealers mostly steady, instances 4.00 higher on high Good and low Choice 80-110 lb. Demand good for Holstein bulls to return to farm.

VEALERS: Few high Choice and Prime 245-335 lb 104.00-111.00; Choice 1550-300 lb 83.00-98.00; high Good and low Choice 160-300 lb 57.00-80.00, 110-160 lb 45.00-60.00, 80-110 lb 44.00-51.00, few 65-80 lb 40.00-45.00.

RETURNED TO FARM: Bulk 95-120 lb Holstein bulls 85.00-100.00, several late 101.00-108.00; few small frame 90-110 lb 65.00-85.00.

SLAUGHTER CALVES: Few Good and Choice 315-500 lb 45.00-58.00, couple Choice 60.00-62.00.

SHEEP 16: Insufficient volume for a market test, few Choice 65-100 lb wooled lambs 72.00-85.00; few Utility and Good slaughter ewes 25.00-35.00.

GOATS 11: All goats sold by the head, bulk of supply medium at 43.00-49.00 with a couple large at 62.00.

Lancaster County Weekly

Friday, January 10
Report Supplied by PDA

	Cattle	Calves
This Week	3700	1625
Last Week	3378	1541
Last Year	3577	1770

CATTLE: Sl. steers 1.00 to 3.00 lower, sl. heifers 1.00 to 2.00 lower, cows closed 1.00 to 2.00 lower, bullocks scarce, bulls 1.00 to 2.00 lower. Supply included 44 per cent sl. steers, 5 per cent sl. heifers, 34 per cent cows, 5 per cent bulls, with the balance feeders.

SLAUGHTER STEERS: Few head high Choice & Prime 2-4 1135-1375 lbs. 63.50-64.25; few Good & Choice 1-2 1150-1350 lbs. 64.00-65.00, couple head 66.25-67.25; Choice 2-4 1075-1450 lbs. 59.00-64.00, mainly 60.50-63.00; high Good & low Choice 2-3 1000-1325 lbs. 57.00-60.00, several early 60.00-61.50; Good 2-3 53.75-59.00; Good & Choice 1200-1550 lb. holsteins 44.00-46.75, few Choice 47.00-49.25, Standard & low Good 39.50-44.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1260 lbs. 58.00-61.50, few head 61.50-63.50, few sales 850-950 lbs. late 53.50-58.00; Good 2-3 925-1150 lbs. 48.00-55.00, few early 55.00-58.00.

COWS: Breaking Utility & Commercial 2-4 34.75-38.75, few 39.00-41.00; Cutter & Boning Utility 1-3 33.00-37.00, few early 37.00-39.50; Canner & low Cutter 30.50-33.00, few 28.00-31.00.

BULLOCKS: Good 1-2 950-1300 lbs. 46.50-51.00; few Choice 1-3 1050-1300 lbs. 51.00-54.00, with a couple at 58.75.

BULLS: YG 1, 1300-2100 lbs. 44.00-50.50, couple early 51.00-55.25; YG 2, 1000-1350 lbs. 41.00-46.00.

VEAL CALVES: Vealers mostly steady, instances 4.00 higher on late sales of high Good and low Choice 80-110 lbs. Demand good for holstein bulls to return to farm.

VEALERS: Few high Choice & Prime 225-335 lbs. 95.00-111.00, Choice 155-300 lbs. 75.00-98.00; high Good & low Choice 140-320 lbs. 55.00-80.00, 110-160 lbs. 44.00-60.00, 80-110 lbs. 38.00-51.00 with uncertified 30.00-40.00, 60-80 lbs. 35.00-45.00 with uncertified 25.00-32.00.

SLAUGHTER CALVES: Good & Choice 315-500 lbs. 45.00-58.00, couple Choice 60.00-62.00.

RETURNED TO FARM: Bulk 90-125 lb. holstein bulls 80.00-100.00, several late 101.00-108.00; small frame 100-125 lbs. 75.00-85.00, with about 120 head 90-95 lbs. 40.00-42.00.

Weekly Summary

Harrisburg, PA
Friday, January 10
Report supplied by PDA
15 Livestock Markets

CATTLE: 6254. Compared with 3856 head last week and 2010 head a year ago. Steers uneven; mostly steady to. 2.50 lower; heifers steady to 1.00 lower; cows mostly .50-1.00 lower; bulls weak to 2.00 lower; High Choice & Prime 3-4, 63.50-66.25; Choice 2-4, 59.00-63.50; Good 53.00-59.50; Standard 45.00-53.00; Choice heifers 57.00-61.50; Good 49.00-57.00; Standard 42.00-50.00; Breaking Utility & Commercial cows 35.00-39.50; Cutter & Boning 32.50-36.50; Canner & Cutter 28.00-33.00; shells 17.00; Good bullocks 46.50-54.00; Standard 43.00-46.25; YG 1 bulls 1000-

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Open 24 hours a day
365 days a year
(717) 394-2611
LANCASTER STOCK YARDS

AUCTIONS

MONDAY
9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs

TUESDAY
9:00 A.M. —Slaughter Hogs
1:00 P.M. —Feeder Pigs

WEDNESDAY
8:00 A.M. —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. —Veal Calves, Lambs

FRIDAY
11:00 A.M. —Stocker and Feeder Cattle

SATURDAY
8:00 A.M. —Slaughter Hogs

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 90 Years

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
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1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Saturday
9 A.M.
Hog Sale
Business Phone
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Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

B&R CATTLE CO.
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Specializing In Stockers & Feeders
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JONESTOWN
865-2881
Flea Market Auction every Tuesday at 12:30. Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

HOG MARKETS

Lancaster Feeder Pigs

Tuesday, Jan. 7
Report supplied by USDA

Today	532
Last Tuesday	371
Last Year	806

TREND: Compared to last Tuesday feeder pigs uneven, weights over 60 lb. firm to 5.00 higher; small supply under 40 lb. weak to 10.00 lower. Supply included about 125 head sold for slaughter. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 43 head 30-39 lbs. 71.00-81.00; 41 head 40-49 lbs. 81.00-93.00; 158 head 50-59 lbs. 79.00-90.00; 65 head 60-66 lbs. 71.00-82.50; 28 head 70-79 lbs. 62.00-67.50.

US 2-3: 48 head 44-55 lbs. 57.00-72.00.

SLAUGHTER: 40 head 20-30 lbs. 68.00-96.00; 40 head 30-39 lbs. 50.00-72.00; 20 head 40-57 lbs. 45.00-47.00.

Lancaster Hogs

Lancaster Stockyards
Saturday, Jan. 4
Report supplied by auction

900 head.

US No. 1, 210-245 lbs., 49.50-51.75, 27 head 52.00-53.00; US 1 & 2 215-250 lbs. 48.00-49.50; US 1 & 3 215-255 lbs. 47.00-47.75; US 2 & 4 220-260 lbs. 46.00-47.00.

Sows: All weights 34.50-39.50.

Boars: All weights 32.25-35.00.

New Holland Hogs

New Holland Sales Stables
Monday, Jan. 6
Report supplied by auction

Today	1262
Last Monday	1350
Last Year	1668

TREND: Compared to last Monday barrows and gilts 1.00-2.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 47.60-48.00.

US 1 210-250 lb. 48.10-49.25, One lot 49.50.

US 1-3: 200-260 lb. 46.50-47.25.

US 2-4: 250-265 lb. 46.00-46.50.

St. Louis Hogs

Thursday, Jan. 9
Report supplied by USDA

4000 - Barrows & gilts slow, 50-75 lower, instances 1.00 lower.

US 1-3: 210-260 lb. 46.00-46.50.

US 2-3: 260-270 lb. 45.50; 270-290 lb. 44.00-44.50.

SOWS: Under 550 lb. steady; over 550 lb. 50 lower. (10%).

US 1-2: 300-550 lb. 37.00-37.50.

US 1-3 550-600 lb. 38.00; over 600 lb. 39.00.

BOARS: Over 300 lb. 32.50, under 300 lb. 31.00.

Indianapolis Hogs

Thursday, Jan. 9
Report supplied by USDA

900 - Barrows & gilts slow, 1.00 lower.

US 1-3: 230-250 lb. 46.25-46.50, 70 head 46.75.

US 2-3: 275 lb. 45.00; 290-300 lb. 42.00.

SOWS: Under 500 lb. steady-2.00 lower; over 500 lb. 1.00-3.00 lower. (9%).

US 1-3: 370-500 lb. 36.00-37.00; 500-660 lb. 37.00-42.00.

Peoria Hogs

Thursday, Jan. 9
Report supplied by USDA

2800 - Barrows & gilts slow, 1.00 lower.

US 1-2: 200-240 lb. 46.00-46.50.

US 1-3: 200-250 lb. 45.50-46.00.

SOWS: 75-2.50 lower, most decline on weights over 500 lb. (15%).

US 1-2: 350-500 lb. 36.50.

US 1-3: 500-650 lb. 38.00-38.50.

BOARS: Over 350 lb. 29.50; under 350 lb. 28.00-30.00.

Lancaster Hogs

Lancaster Stockyards
Monday, Jan. 6
Report supplied by USDA

HOGS: Compared to last Monday barrows and gilts 1.00-1.25 lower; sows 50-1.00 lower, with weights under 450 lb. as much as 4.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 47.75-48.50; US 1 210-250 lb. 49.50-51.25; US 1-3 200-255 lb. 46.85-47.75.

SOWS: US 1-2 300-450 lb. 33.00-35.00; US 1-3 450-650 lb. 38.00-42.00.

Tuesday, Jan. 7

Today	156
Last Tuesday	124
Last Year	281

TREND: Compared to Monday barrows and gilts steady.

BARROWS AND GILTS: US 1-2 210-245 lb. 47.75-48.60; US 1 One lot 225 lb. 49.00; US 1-3 200-255 lb. 47.00-47.50; US 2-3 One lot 263 lb. 46.00.

Wednesday, Jan. 8

HOGS: Compared to Monday barrows and gilts weak to 25 lower; sows under 500 lb. mostly 1.00 higher, weights over 500 lb. steady to 2.00 lower. Supply mainly US 1-3 with very few US 1-2 on offer.

BARROWS AND GILTS: US 1-2 Few 210-250 lb. 47.50-48.50; US 1 Few 210-250 lb. 48.75-50.35; US 1-3 210-250 lb. 46.50-47.50; US 2-4 220-265 lb. 45.50-46.50.

SOWS: US 1-2 300-500 lb. 34.00-36.75; US 1-3 500-650 lb. 38.00-39.50.

State Graded Feeder Pig Sale

Westminster, Md.
Friday, December 27

1036 Pigs: Compared to November sale prices were steady with some higher grades $5.00-10.00 higher. All pigs weighed on arrival and sold by the pound.

1 & 2 79 head 31-38 lbs. 96.00-106.00; 49 head 34-38 lbs. 88.00-93.00; 74 head 40-45 lbs. 90.00-93.00; 114 head 45-49 lbs. 76.00-82.00; 172 head 51-58 lbs. 71.00-80.00; 81 head 60-63 lbs. 73.00-77.00; 80 head 68-69 lbs. 69.00; 59 head 73-74 lbs. 75.00-80.00; 121 head 71-73 lbs. 65.00-71.00; 29 head 83-87 lbs. 60.00-62.00; 9 head 90 lbs. 58.00; 23 head 107 lbs. 51.50; 3 head 153 lbs. 48.00.

2 20 head 31-37 lbs. 75.00-82.00; 46 head 45-54 lbs. 69.00-73.00; 31 head 60-64 lbs. 67.00-71.00; 27 head 70-76 lbs. 62.00-68.00.

Next Sale Jan. 24, 1986-1:30 P.M.

New Holland Feeder Pigs

New Holland, Pa.
Wednesday, Jan. 8
Report supplied by Auction

Today	1143
Last Wednesday	810
Last Year	711

Trend: Compared to last Wednesday feeder pigs 10.00-15.00 lower, with some 25-40 lb. as much as 20.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 171 head 25-39 lbs. 65.00-77.00; 150 head 40-49 lbs. 62.00-73.00; 52 head 42 lbs. 78.00-79.00; 155 head 50-59 lbs. 52.00-68.00; 81 head 54-55 lbs. 73.00-77.00; 70 head 60-69 lbs. 53.00-70.00; 55 head 70-73 lbs. 50.00-67.00; 30 head 80-99 lbs. 44.00-57.00.

US 2-3: 68 head 30-39 lbs. 60.00-67.00; 51 head 40-49 lbs. 48.00-51.00; 26 head 59 lbs. 36.00.

King's Hay

Kirkwood, Pa.
Tuesday, Jan. 7
Report supplied by auction

30 loads.

Alfalfa, 58.00-91.00; Alfalfa Mix, 56.00-80.00; Timothy and Timothy Mix, 59.00-70.00; Clover and Clover Mix, 61.00-63.00; 8 loads Straw, 63.00-69.00; 1 load Corn Fodder, 52.00; Seasoned Firewood, 50.00 cord.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Week To Date (Est.)	540,000	55,000	1,302,000	97,000
Same Pd. Lt. Wk. (Est.)	374,000	41,000	912,000	73,000
Same Pd. Lt. Yr. (Act)	550,000	51,000	1,316,000	95,000

Chicago Grain Futures

(Closing Bids as of Thursday, Jan. 9)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Jan.'86			5.44	156.60
Mar.'86	2.49	3.35¼	5.53¾	158.10
May '86	2.53¼	3.10¼	5.65	159.90
July '86	2.53¼	2.80	5.74¼	161.80
Aug. '86			5.70	161.00
Sept. '86	2.35½	2.79¼	5.49	156.00
Nov. '86			5.44¼	
Dec. '86	2.25¼	2.89½		152.50
Jan. '87			5.55	

Trends - Corn - sideways; Soybeans - stronger; Wheat - weaker; Soybean Meal - stronger.

Futures Trading

(Closing Bids as of Thursday, Jan. 9)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Feb. 86'	57.82	44.60	
Apr. 86'	59.75	40.50	
May 86'			2.29
June 86'	59.82	43.70	
July 86'		44.47	
Aug. 86'	58.72	43.45	
Oct. 86'	57.57	41.00	
Nov. '86			3.36
Dec. '86	59.30	42.30	

Trends - Cattle - weaker; Hogs - weaker.

ATTENTION CATTLE FEEDERS

Financing of Feeder Cattle is available to All Qualified Buyers
Contact us for further information

FEEDER PIG SALE

Every Tuesday, Starting at 1:00 P.M.
PLEASE NOTE: All pigs to be graded MUST BE here by 11:30 A.M.

Walter M. Dunlap and Sons

Lancaster Stockyards
Tel. (717) 397-5136

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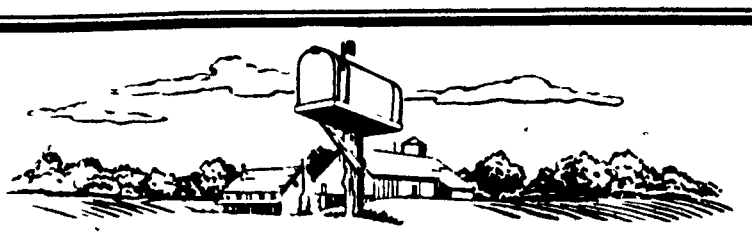

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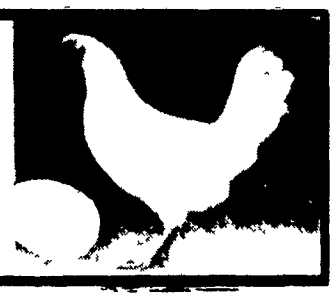
POULTRY MARKETS



Weekly New York Egg Market Northeast Quotes

From Friday, Jan. 3 to Thursday, Jan. 9

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.79	.79	.79	.78	.78
Ex. Large	.78	.78	.78	.77	.77
Large	.78	.78	.77	.76	.76
Medium	.72	.72	.73	.72	.72
Pullets	.54	.54	.55	.55	.55
Off Grade	.65	.65	.65	.65	.65
BROWN					
Jumbo	—	—	—	—	—
Ex. Large	.91	.91	.90	.90	.90
Large	.88	.88	.87	.87	.87
Mediums	.73	.73	.72	.72	.72
Pullets Unquoted					
Peewees Unquoted					
Off Grade					
Undergrades	.36	.36	.36	.36	.36
Checks	.34	.34	.34	.34	.34

Northeast Breaking Stocks

Friday 42.00-45.00; Wednesday 43.00-47.00.

N.E. Weekly Shell Egg Report

Tuesday, Jan. 7
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.86-.90	.84-.88	.78-.82	.49-.53
Mostly	.88-.89	.86-.87	.80-.81	.51-.52
R.I.	.87-.96	.85-.94	.77-.86	.48-.57
Mostly	.87-.88	.85-.86	.77-.78	.48-.49
VERMONT	.95-1.00	.89-.98	.77-.92	
Mostly	1.00	.98	.90	
MAINE	.95-1.02	.91-1.00	.85-.92	.56-.61.

X Includes Central and Western Sections only.

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Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Jan. 7
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .90-1.14 per lb.

MUSCOVY DUCKS, HENS: range .70-.82 per lb.

PEKIN DUCKS: range .30-.46 per lb.

RED FOWL: 4-5 lbs. range .12-.28 per lb.

RED FOWL: 5-6 lbs. range .20-.38 per lb.

CROSSBRED FOWL: 5-9 lbs. range .20-.36 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .40-.72 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .20-.68 per lb.

GUINEA FOWL: range 1.05-1.30 per lb.

BANTY ROOSTERS: range 1.50-4.00 ea.

BANTY HENS: range .50-1.75 ea.

LEGHORN HENS: range .05-.10 per lb.

LEGHORN ROOSTERS: range .25-.38 per lb.

GEESE: 8-16 lbs. range .30-.58 per lb.

PIGEONS: range 1.50-2.00 ea.

WHITE PIGEONS: range 2.50-3.75 ea.

SILKIES: range 6.50-7.50 ea.

DOVES: range 2.00-3.50 ea.

RABBITS: 4-6 lbs. range .70-1.10 per lb.

RABBITS: 7-11 lbs. range .60-.88 per lb.

CHUCKERS: 3.85-4.10 ea.

CAPONS: 11-13 lbs. .70-.78.

BUNNIES: .75-1.50 ea.

GUINEA PIGS: range .10-2.50 ea.

GOATS: range 30.00-55.00 ea.

Total Number Coops: 1,010.

Eastern Pa. & N.J. Poultry

Wednesday, Jan. 8
Report supplied by USDA

Market Comment: Prices held steady and were developing at unchanged levels for next week's deliveries. Seller offerings were adequate. Finished product cleared to a generally improved demand and was fair to fairly good overall.

Light Type Hens: .09-.10, mostly .09-.09½.

F.O.B. Plant: .12-.12½, mostly .12.

Delmarva Poultry

Thursday, Jan. 9
Report supplied by USDA

Market Comment: Demand for ready to cook whole birds continued good, and overall plants noted well-balanced to short supplies. Movement of parts had improved on all items but wings which remained available at discounted prices but in lesser volumes.

Live supplies were about adequate overall. Weights were in a full range of light to heavier than desired. Slaughter schedules were again moderately heavy. The undertone was firm.

Today's L.T.L. asking prices were 1 cent higher on U.S. Grade A at .52-.58 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 01/09 2,006,000; Actual 01/02 2,027,000.

Actual 01/07 1,986,000; Average Weights 01/07 4.49; Avg. Wghts. 12/31 4.64.

Philadelphia Eggs

Thursday, Jan. 9
Report supplied by USDA

Market Comment: Prices were unchanged to lower on large and extra large, unchanged to higher on mediums. Cartoned egg clearances at the distributive level were fair to fairly good overall and generally best where retail featuring was a factor. Floor stocks were generally adequate on all sizes although mediums and smalls were in close balance in spots. Additional offerings were noted as available with spot loads of class one nest runs reportedly moved in a range of 52 to 54 cents.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .74-.77; A Large .73-.76; A Medium .67-.70.

New York Multiple Drop Broiler Report

Thursday, Jan. 9
Report supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .50-.57.

Weighted AVG.: U.S. Grade A 54.57.

Premium (X) Boxes 13,077.

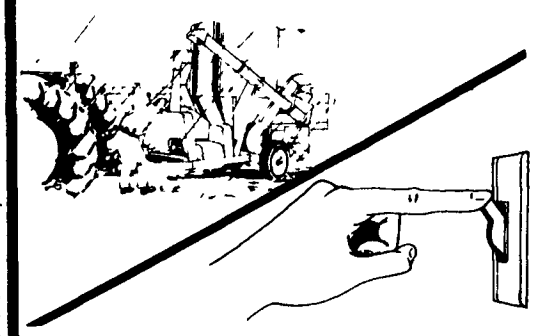
(X) Includes special services, selected competitive brands, etc.

Valley Livestock

Athens, Pa.
Monday, January 6
Report supplied by auction

Holstein Hfr. Calves to 45.00-50.00.
Veal Calves 65.00-80.00.
Vealer Bull Calves 75.00-90.00.
Slaughter Calves 40.00-45.00.
Grassers & Feeders 35.00-45.00.
Lambs 50-70 new crop to 150.00.
Sheep 20.00-31.00.
Hogs, 200 to 250 42.00-45.50.
Sows 28.00-35.00.
Boars 25.00-26.00.
Pigs, 15.00-39.50.
Heifers 36.00-39.75.
Steers Med. 38.00-45.50.
Steers, feeder 34.00-46.00.
Bulls 38.00-45.75.
Cows, utility 36.00-38.00.
Cows, fat 35.00-37.50.
Cows, medium 34.00-35.00.
Cows, poor or small 28.00-33.00.
Cattle Market steady.
Calf Market steady.
Horses to 200.00.
Ponies None.
Goats 15.00-46.00.
Hay: Med. 55.00 per ton.
Feeder Sale 1st Monday of Each Month.
Dairy Sale 3rd Thursday of Each Month.

WINTER JOYS?



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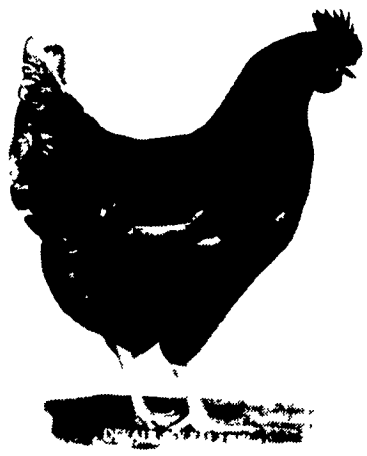
Is it brown eggs you want?



Then why not the No. 1 brown egg layer from Moyer's - the (DEKALB SEX-SAL LINK.)

Since 1966 part of Moyer's successful growth has been attributed to the SEX-SAL-LINK Today, 20 years later the DEKALB SEX-SAL-LINK is one of the most sought after brown pullets in the industry

Order early for this years replacements

VISIT WITH US AT OUR BOOTH # 640 AT THE PA STATE FARM SHOW

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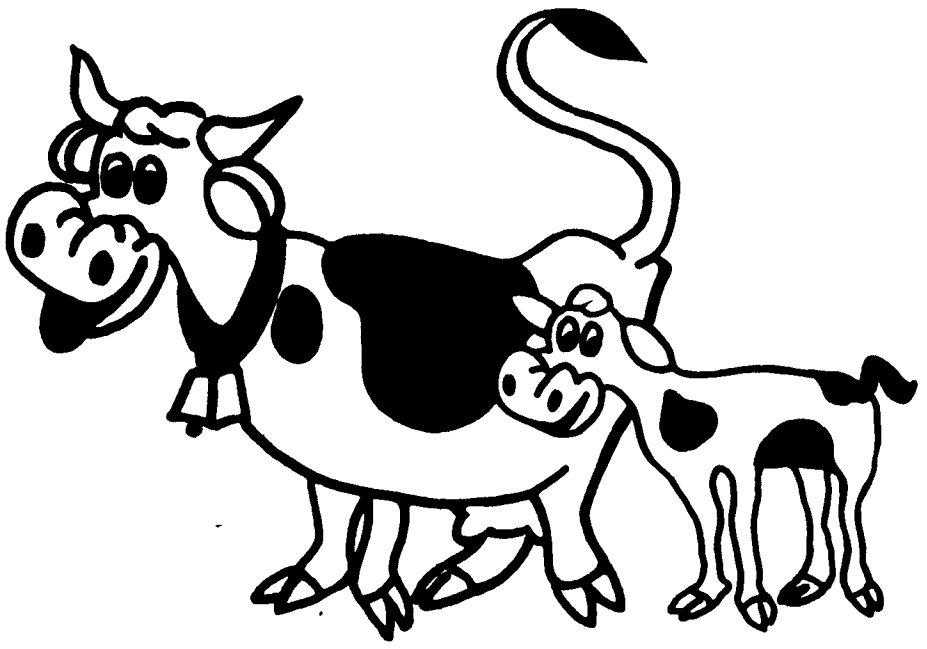
DEKALB BROWN & WHITE EGG LAYERS
Quakertown, PA 18951
(215) 536-3155
HUBBARD WHITE MT. BROILERS

#545 HEIFER GROWER CONCENTRATE



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FEED 1 lb. Per Head Per Day - Plus Free Choice Forages

Cost: 17¢ Per Day — $62.05 Per Year

SPECIAL OFFER - JAN. 20 TO MARCH 14

1 FREE WITH 10
Get One 50 lb. Bag of #545 Heifer Grower Concentrate FREE When You Buy 10 50 lb. Bags of #545.

5 FREE WITH 40
Get Five 50 lb. Bags of #545 Heifer Grower Concentrate FREE When You Buy 40 Bags of #545

MEETING LOCATIONS

Wed., Jan. 22	Perry County - Kistler Corner Restaurant
Thurs., Jan. 23	Lancaster County - Bird-in-Hand Restaurant
Tues., Jan. 28	Lewistown, Pa. - Holiday Inn
Wed., Jan. 29	Clintondale Mills - Lamar, Pa.
Thurs., Jan. 30	Clintondale Mills - Lamar, Pa.
Tues., Feb. 4	Martinsburg, Pa. - Chilcoat's Restaurant, Rt. 220 East Freedom
Tues., Feb. 11	Lancaster County - Willow Valley Restaurant, Rt. 222 South of Lancaster, Pa.
Thurs., Feb. 13	Eastern Shore, MD - Granary Restaurant, Rt. 213 North of Galena
Tues., Feb. 18	Hagerstown, MD Area - Maugansville Fire Hall
Thurs., Feb. 27	Chester County - Red Rose Inn, West Grove, Pa.

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From MD, DE & NJ
1-800-233-0202

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HAY MARKETS

Carroll Co. Hay

Carroll Co., Md.
Tuesday, Jan. 7
Report supplied by auction

36 loads.

Alfalfa, some very good, 72.00-88.00, good 58.00-70.00, 1.55-1.65 bale; Timothy Hay, 56.00-88.00; Mixed Hay, 70.00-86.00, 1 dark at 50.00.

Mixed Hay, 1.40-1.60 bale; Wheat Straw, 1.25-1.40 bale; Oats Straw, .95-1.35 bale; Stubble Hay, 49.00-50.00; Wood, 70.00-83.00 cord.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, Jan. 4-7
Report supplied by auction

93 Loads.

Alfalfa 34.00-92.00; Mixed hay 35.00-62.50; Timothy 36.00-65.00; Clover 50.00-58.00; Orchard grass 50.00-56.00; Straw 42.00-60.00; Ear corn 62.00-74.00; Firewood 15.00-37.00/pu.

Hagerstown Hay

Hagerstown, Md.
Wednesday, Jan. 8
Report supplied by auction

Alfalfa (5 loads) 62.00-71.00; Timothy (1) 67.00; Orchard grass (2) 37.00-60.00; Straw (2) 55-58.00; Mixed hay (3) 42.50-72.00. Next sale Jan. 15.

Good's Auction

Leola, Pa.
Wednesday, Jan. 1, 1986

34 Loads Hay, 10 Straw and 6 Ear Corn.

Alfalfa 65.00-83.00, one load 108.00; Mixed hay 48.00-77.00, few to 35.00; Timothy 50.00-80.00; Straw 59.00-85.00; Ear Corn 67.00-71.00; Corn Fodder, one load 31.00.

New Wilmington Livestock

N. Wilm., Pa.
Jan. 3, 1986

72 Loads Hay, 12 Straw and 11 Ear Corn.

Alfalfa 65.00-95.00; Mixed hay 42.50-77.50; Timothy hay 40.00-55.00; Clover, 2 loads 56.00 & 60.00; Straw 37.00-51.00, few to 30.00; Ear Corn 60.00-75.00; Oats, 11 loads 1.00-1.90, mostly 1.15 and 1.32½ per bu.

Green Dragon Hay

Friday, Jan. 3
Report supplied by PDA

94 Loads Hay, 32 Straw and 4 Ear Corn.

Alfalfa 60.00-125.00, mostly 72.00-93; Mixed hay 41.00-95.00, mostly 50.00-89.00; Timothy hay 55.00-76.00, few to 88.00; Clover, one load 65.00; Straw 55.00-70.00, few to 48.00; Ear Corn 72.00-75.00; Oats, 3 loads 1.50-1.60 per bu.

Pa. Grain

Monday, Jan. 6
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn uneven, mostly steady to 5 cents higher; Wheat steady to 10 cents lower, Barley steady to strong; oats steady, instances 10 cents higher; Soybeans steady to 10 cents lower. Ear Corn uneven, mostly steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.49-2.73, few reported 2.40, average 2.58; New Crop* 2.15-2.33; @Wheat No. 2 range 3.00-3.50, few reported 2.86, average 3.21, New Crop* 2.45-2.83; Barley No. 3 range 1.50-1.90, average 1.71, New Crop* 1.38-1.75; Oats No. 2 range 1.10-1.40, average 1.25, New Crop* .85; Soybeans No. 1 range 4.90-5.19, average 5.07, New Crop* 5.05; *Gr. Sorghum #2 range 2.10, average 2.10; #New Ear Corn range 57.00-65.00, few reported 61.64.

Central Pennsylvania

Corn No. 2-y range 2.25-2.65, average 2.47; @Wheat No. 2 range 2.85-3.40 M3-3.10, average 3.10; Barley No. 3 range 1.50-1.65, average 1.57; Oats No. 2 1.00-1.25, average 1.11; Soybeans No. 1 4.50-5.00, average 4.75; *Gr. Sorghum #2 range 2.40, average 2.40; #New Ear Corn 50.00-64.00, average 56.25.

South Central Pennsylvania

Corn No. 2-y range 2.30-2.60, average 2.48; @Wheat No. 2 2.50-3.25, average 2.79; Barley No. 3 1.50-1.90, average 1.68; Oats No. 2 .95-1.30, average 1.13; #New Ear Corn 55.00-70.00, average 60.87.

Western Pennsylvania

Corn No. 2-y range 2.20-2.50, average 2.37; @Wheat No. 2 range 2.65-3.00, average 2.85; Oats No. 2 range 1.10-1.25, average 1.18; #Ear Corn *59.00, average 59.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.30-2.73, average 2.52; @Wheat No. 2 range 2.80-3.50, average 3.07; Barley No. 3 range 1.50-1.90, average 1.66; Oats No. 2 range 1.00-1.35, average 1.16; Soybeans No. 1 range 4.50-5.19, average 4.94; #New Ear Corn range 55.00-65.00, average 59.82.

New Holland Hay

New Holland Sales Stables
Monday, Jan. 6
Report supplied by auction

271 loads. Alfalfa, 50.00-136.00; Mixed Hay, 50.00-116.00; Timothy 56.00-90.00; Clover, 40.00-50.00; Orchard Grass, 62.00-71.00.

Straw, 42.00-85.00; Ear Corn, 65.00-80.00; Corn Fodder, 41.00-48.00; Oats, 1.25-1.90 bu.; Shelled Corn, 1.75 bu.

Firewood, 35.00-195.00 load.

New Holland Sales Stables

New Holland, Pa.
Monday, Dec. 30

204 Loads Hay, 59 Straw and 10 Ear Corn.

Alfalfa 60.00-123.00, mostly 70.00-107.00; Mixed hay 40.00-106.00, mostly 50.00-93.00; Timothy hay 60.00-93.00; Clover, 2 loads at 65.00; Broomgrass, one load 70.00; Straw 40.00-93, mostly 63.00-81.00; Ear Corn 74.00-80.00, one load 66.00; Corn Fodder, one load 40.00; Oats, 6 loads 1.45-1.65 per bu.

48% Soybean Meal, $199.90
Distillers Grains, $159.90
* Per Ton Delivered *
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Gap, PA 17527
717-442-4169 (Collect)

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Rt. 30, 10 miles east of Lancaster in Paradise, Pa.
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L. Robert Frame, Sr., Manager

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster on Route 23, New Holland, Penna

The Action Auction
717-354-4341

Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

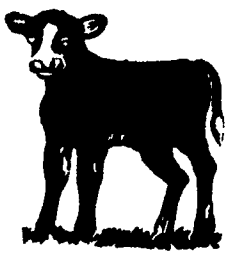
11:00 AM

BULLS -

STEERS - BEEF COWS

3:30 P.M.

CALVES



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Greencastle Livestock

Greencastle, Pa.
Monday, Jan. 6

CATTLE. 620. SLAUGHTER STEERS: Choice & Prime 58.00 to 63.10; Good & Choice 52.00 to 60.00; Good & Choice-Holstein 45.00 to 51.00; Standard & Good-Holstein 41.00 to 46.00.

SLAUGHTER HEIFERS: Choice 55.00 to 61.00; Good & Choice 48.00 to 57.00; Standard & Good 42.00 to 50.00.

COWS: Utility & Commercial 34.00 to 40.00; Cutter & Boning Utility 33.00 to 38.00; Canner & Low Cutter 33.00 & down.

BULLS-ALL WEIGHTS: Yield Grade 1 47.00-53.85; Yield Grade 2 42.50 to 47.50.

STOCKER CATTLE—ALL WEIGHTS: Steers—Medium & Good 50.00-61.00; Heifers—Medium & Good 45.00-54.50; Bulls—Medium & Good 42.00-57.00; Steers—Holstein 35.00-45.00.

CALVES 439. Good & Choice—125 to 250 pounds 65.00-104.00; Medium & Good—125 to 250 pounds 50.00-85.00; Medium & Good—80 to 120 pounds 40.00-65.00; Light & Cull—all weights 40.00 & down; Holstein Bulls—return to farm up to 102.00; Holstein Heifers—return to farm up to 55.00.

LAMBS, SHEEP & GOATS 25. Choice Lambs up to 76.00; Medium & Good Lambs 55.00-65.00; Light & Cull Lambs 50.00-60.00; Sheep, Ewes & Bucks 21.00-27.00; Goats—all sizes (by head) 15.00 to 45.00.

HOGS 163. No. 1-3 Butcher Hogs—190-225 pounds 45.00 to 46.50; No. 1-3 Butcher Hogs—225-250 pounds 46.00 to 47.00; No. 1-3 Butcher Hogs—250-300 pounds 40.00 to 46.00; Good Butcher Sows—400 pounds down, up to 42.50; Good Butcher Sows—400 pounds up up to 44.00; Heavy Boars—over 300 pounds 27.50 to 30.50; Pigs—all sizes (by head) 12.00 to 43.00.

Sale every Monday evening at 5:00 p.m.

Hay & straw sale every Monday at 1:00 p.m.

Eighty-Four Livestock

Eighty-Four, Pa.
Tuesday, Jan. 7
Report supplied by PDA

CATTLE 316: Compared with last week's market, Slaughter cows steady to weak. Standard 46.00-53.50, few Utility 39.00-45.00. Good slaughter heifers 49.00-54.00, Standard 41.00-47.00, Utility 36.00-40.50. Breaking Utility & Commercial slaughter cows 34.75-37.25, Few 38.50-40.00, Cutter & Boning Utility 32.50-35.00, Canner & Low Cutter 24.50-33.00, Shells down to 17. Yield Grade No. 1 1100-2000 lbs. slaughter bulls, 41.00-46.00, Yield Grade 2 900-1300 lbs. 37.00-40.50.

FEEDER CATTLE: Steers Medium & Large Frame #1 340-700 lbs. 49.00-59.00; Heifers Medium & Large Frame #1 325-600 lbs. 45.00-55.00; Bulls One lot 10 head Medium #1 425 lbs. at 61.50.

CALVES 292: Vealers steady. Few Choice 90-102.50, Good 66.00-82.50, Standard & Good 90-120 lbs. 40.00-47.00, 60-85 lbs. 35.00-41.00, Utility 50-85 lbs. 25.00-36.00. FARM CALVES: Holstein bulls 90-125 lbs. 90.00-120.00, 85-95 lbs. 70.00-90.00.

HOGS 135: Barrows & gilts .50 to 1.00 lower. Few US No. 1-2 250-265 lbs. barrows and gilts 47.75-48.75, No. 2-3 201-260 lbs. 44.75-45.75, Few No. 2-4 198-250 lbs. 42.50-44.00. Sows - US No. 1-3 400-650 lbs. sows 42.00-45.00, No. 2-3 325-700 lbs. 40.00-42.00. Boars 26.00-28.00.

FEEDER PIGS 34: US No. 1-3 50-60 lbs. feeder pigs 26.00-27.50 per head, Few No. 1-3 27 lbs. 18.00 per head, Utility 20-30 lbs. 10.00-12.00 per head.

SHEEP 44: Wooled slaughter lambs 1.50-2.00 higher. Few High Choice & Prime 65-90 lbs. 70.00-73.00, Choice 80-100 lbs. 65.00-67.25. Slaughter ewes 21.50-27.00. GOATS 13: 10.00-24.00.

New Holland Horse

New Holland Sales Stables
Monday, Jan. 6
Report supplied by auction

Reported receipts of 206 head of horses, mules and ponies.

Killer market lower, balance steady.

Driving horses 275.00-750.00.

Riding horses 175.00-530.00.

Lightweight killers 165.00-250.00; Heavyweight killers 300.00-365.00.

Mares ponies 35.00-75.00; Colts 10.00-20.00; Gelding ponies 35.00-75.00.

Larger ponies 100.00-175.00.

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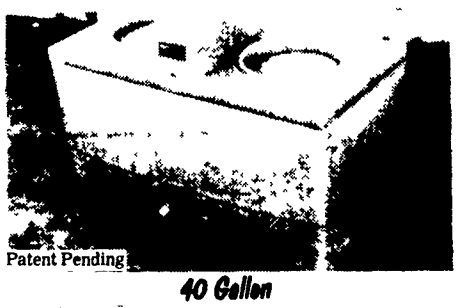

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RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

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AT THE

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RD #1, Martinsburg, PA

- Every Monday we will receive your hogs from 7:30 a.m to 11 a m. Also, calves from 7:30 a m to 3 p m Your animals will be weighed & paid for immediately
- We will also accept your sows and boars
- Your Butcher Cattle & Calves will be received from 8 a m. to 12 noon every Thursday We will either pay you for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted from your check
- You may call our office Monday mornings and we will be able to tell you the base price for hogs for the day

DALE R. HOOVER - Owner
Blair-Bedford Buying Station

Business Phone 814-793-3077
Residence Phone 814-793-2657

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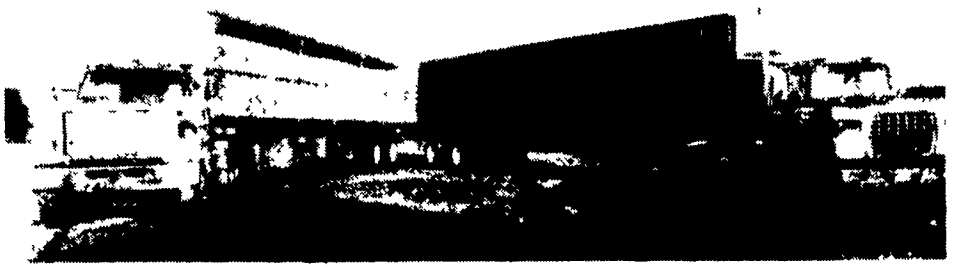

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Livestock market and auction news

Omaha Weekly

Thursday, Jan. 9
Report Supplied by USDA

CATTLE: Slaughter steers and heifer prices dropped sharply this week with closing levels standing 2.00-2.50 below last week's closing trade. A broad downturn in wholesale beef realizations (3.00-4.00 lower on carcasses, 2.00 lower on boxed beef) led the live price structure lower. A fairly liberal F.I.S. slaughter rate also kept downward pressure on the market. Overall finish proved just so fair, as many producers continue to market cattle with shorter than normal feeding period. Slaughter cows .50 lower for the week. Slaughter bulls steady.

Estimated 5 day receipts this week 8,100 compared to actuals last week of 5,415 (for the holiday week) and actuals last year of 9,652. Slaughter Steers comprised 45 percent of the receipts, slaughter heifers 39 percent, slaughter cows 9 percent and feeder cattle 6 percent.

SLAUGHTER STEERS: at the close Choice 2-4 1100-1325 lbs. 60.00-61.00; mixed good and choice 2-3 1050-1200 lbs. 58.00-61.00; Good 56.00-58.00.

SLAUGHTER HEIFERS: at the close, limited offerings choice 2-4 975-1100 lbs. 58.50-59.00; mixed good and choice 2-3 925-1025 lbs. 56.00-59.00; good 54.50-56.00.

Average of LS 214 detailed price quotations for choice 900-1100 lb. steers 59.60, 1100-1300 lbs. 60.60. Average cost of all steers this week 59.85, average weight 1,185 lbs. compared to 62.19 and 1,195 lbs. last week. Average cost of all heifers this week 58.65, average weight 1,053 lbs. compared to 61.20 and 1,063 last week.

SLAUGHTER COWS: few breaking utility and commercial 2-3 31.50-33.75; cutter and boning utility 1-2 32.00-33.50, occasional high dressing to 35.00; canner and low cutter 28.50-32.00.

SLAUGHTER BULLS: Few 1-2 1200-1900 lbs. 39.00-44.25.

St. Louis Cattle

Thursday, Jan. 9
Report Supplied by USDA

Receipts this week	4,000
Week Ago	1,800
Year Ago	3,800

Compared with last week's close, slaughter steers fully 2.00-2.50 lower. Slaughter heifers fully 2.00, instances 2.50 lower. Cows and bulls generally steady. Slaughter supply mainly choice steers and heifers, around 25% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1100-1325 lbs. 61.00-61.50, mostly 61.00, couple loads 62.00. Choice 2-4 950-1300 lbs. 60.00-61.00. Mixed good and Choice 2-3 900-1250 lbs. 58.50-60.50. Good 2-3 900-1200 lbs. 57.00-58.50. Mostly good 2-3 1150-1400 lb. Holsteins 46.00-52.50. Standard to good 2-3 1075-1325 lbs. 43.00-46.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1150 lbs. 59.00-59.50, several 59.00, load 60.00. Choice 2-4 825-1075 lbs. 58.00-59.00. Mixed good and choice 2-3 800-1050 lbs. 56.50-58.00. Good 2-3 750-1000 lbs. 54.00-56.50.

COWS: (closing week sales) breaking utility and commercial 2-4 30.00-33.00. Cutter and boning utility 1-2 32.00-34.00. High yielding cutter and boning utility 1-2 34.00-35.00. Canner and low-cutter 1-2 30.00-34.00. Shelly canner 1-2 26.00-30.00.

BULLS: Yield grade 1-2 1100-1900 lbs. 41.00-46.00, mostly 41.00-45.00. Not tested late.

Wednesday's weekly sheep auction. Receipts around 400 head. No comparison because of holiday weeks. Quality improved. Good demand.

SLAUGHTER LAMBS: Choice and Prime 95-115 lbs. 62.00-65.50. Choice 90-105 lbs. 58.00-62.50.

SLAUGHTER EWES: Utility to Good 20.00-24.00. Cull 13.00-17.00.

FEEDER LAMBS: Choice and Fancy 50-90 lbs. 61.00-66.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Jan. 7
Report supplied by Auction

Beef Cows: Utility and Commercial 36.00-40.10; Cutters 32.50-35.85; Canners 30.60-32.25; Shells 23.50.

Heifers: Standard 45.50-49.50; Commercial 40.00-45.00.

Steers: Standard 41.00-44.50.

Bulls: Good 45.10-47.85; Standard 40.00-44.85.

Feeder Cattle: 300-500 lb. 46.50-50.50; 300-500 lbs. small frame 42.00-47.50; 500-700 lbs. large frame 44.00-49.00; 500-700 lbs. small frame 40.00-45.00.

Veal Calves: Choice 71.00-84.00; Good 55.00-69.00; Standard 46.00-53.00; Utility 40.00-45.00.

Farm Calves: Bulls 80.00-100.00; Heifers 60.00-66.00.

Hogs: 42.75-45.50.

Sows: 32.50-36.25.

Boars: 28.00-31.00.

Shoats: 25-30 lbs. per head 18.00-24.00; 30-35 lbs. per head 26.00-31.00; 35-50 lbs. per head 33.00-41.00.

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Be careful that you do not let rumors of higher prices in the field affect your decisions whether to hold your tobacco for these higher prices. THAT IS ALL THEY ARE, RUMORS! The auction will bring the most competitive prices. It is time to get your tobacco sold. Remember, those buyers that support the auction the most will in return be supported by the auction
TYPE 609: Let's hope for some damp weather. It is important that you strip your Type 609 as promptly as you can in order to keep our buyer interest.
TYPE 41: We will be scheduling to sell some Type 41 tobacco for sales beginning Jan. 13. We have a few southern buyers with orders who have expressed interest in buying 41 over the auction We will also be inviting local Type 41 buyers The success of our sale on January 13 will determine when future Type 41 sales will be held.
We have certified Type 609 seeds for sale at the auction
Directions Sale is held 2¼ miles east of Intercourse along Rt 340 every Monday, Wednesday and Friday
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Sale to Start Promptly Every 4 Weeks at 1:00 P.M.
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.
50 to 60 Head
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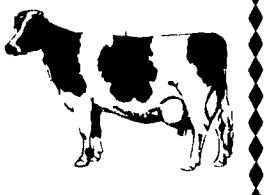

VIRGINIA MARKETS

Livestock market and auction news

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Jan. 4
Report supplied by auction

FEEDER CATTLE: No Trends. STEERS: M&L-1 300-500 lbs. 63.00-65.50, 1 lot of 7 @ 70.00; 500-700 lbs. 55.50-60.50, 700-1000 lbs. 54.00-54.75; Holstein 300-1000 40.00-45.50. S-L&M&L-2 300-500 lbs. 58.50-64.00; 500-700 lbs. 52.00-60.00, 700-1000 lbs. 52.50-53.00.

FEEDER BULLS: M&L-1 300-500 lbs. 46.00-53.50; S-L&M&L-2 300-500 lbs. 46.00-50.00.

HEIFERS: M&L-1 300-500 lbs. 54.50-61.50; 500-700 lbs. 44.00-51.00. S-L&M&L-2 300-500 lbs. 46.00-50.00; 500-700 lbs. 42.00-45.50; 700-800 lbs. 41.00-42.50.

STOCK COWS: Baby Calves 30.00-96.00 mostly 50.00-70.00.

SLAUGHTER CATTLE: Steers-Good few 56.85.

SLAUGHTER COWS: .50-2.00 Lower. Utility & Commercial 2-4 30.50-37.75; Canner & Cutters 1-3 27.00-31.00.

SLAUGHTER BULLS 1 & 2: 34.50-44.50.

LAMBS: Too few to establish trend. Blue O. High Choice & Prime 66.30; Red O. Choice 70.00; Feeder Lambs Choice 71.00; Slaughter Ewes 19.00-28.25; Head Ewes 50.00; w/lambs 85.00.

HOGS: US 1-3 200-240 lbs. Too Few To Quote.

SLAUGHTER CALVES: Good & Choice 50.50-58.00.

Virginia Auction Summary

Jan. 2-8, 1985

Report supplied by VDA
South & Southwest Va.

Trend: Steady to 2.00 higher. Receipts 5,892.

STEERS: Medium 1 300-500 lbs. 58.00-69.50; 500-700 lbs. 52.00-65.50; 700-1000 lbs. 48.00-59.00. Large 1 300-500 lbs. 48.00-69.50; 500-700 lbs. 55.00-65.50; 700-1000 lbs. 48.00-58.00. Small 1 300-500 lbs. 50.50-64.00; 500-700 lbs. 52.00-64.50; 700-1000 lbs. 45.00-52.00.

HEIFERS: Medium 1 300-500 lbs. 44.50-55.00; 500-700 lbs. 43.00-53.50; 700-900 lbs. 43.00-46.50. Large 1 300-500 lbs. 46.50-55.25; 500-700 lbs. 44.00-54.75; 700-900 lbs. 44.25. Small 1 300-500 lbs. 42.75-52.50; 500-700 lbs. 40.00-48.00.

Northern, Va.
Jan. 2-8, 1985

STEERS: Medium 1 300-500 lbs. 55.00-66.50; 500-700 lbs. 54.00-66.50; 700-1000 lbs. 48.50-59.75. Large 1 300-500 lbs. 63.75-65.00; 700-1000 lbs. 50.00-56.60. Small 1 300-500 lbs. 51.50-64.00; 500-700 lbs. 48.00-57.75; 700-1000 lbs. 52.50-53.00.

HEIFERS: Medium 1 300-500 lbs. 44.50-53.25; 500-700 lbs. 44.00-50.50; 700-900 lbs. 43.50-48.00. Large 1 300-500 lbs. 45.00-53.50; 500-700 lbs. 43.00-51.00. Small 1 300-500 lbs. 40.00-41.75; 500-700 lbs. 38.50-45.50; 700-900 lbs. 40.75.

Four States Livestock

Hagerstown, Md.
Wednesday, January 1
Report supplied by Auction

SLAUGHTER: Fed Steers- $1.00 Higher. Choice 58.00-60.00; Good 52.00-57.00; Medium 51.00-Down. Cows- Steady To $1.00 Higher. Few To $42.25; High Yield 38.00-40.00; Average 34.00-37.00; Big Middle 30.00-33.00; Fatty Herf. 29.00-33.00; Shelly 25.00-31.00. Fat Bulls- $2.00 Higher. Good 45.00-51.25; Medium 39.00-44.00. Veal Calves- Steady Prices No Choice Offered- Farm Calves $2.00 Higher; Good 65.00-70.00; Medium 55.00-64.00; Farm Hfrs. 45.00-50.00; Farm Bulls 85.00-100.00; Light Calves 40.00-46.00; Weak Calves 39.00-Down. Lambs-Few Offered Good 60.00-62.50; Bulls- Med. to Good 43.00-48.00.

STOCKER STEERS- 300-550 lbs. Mostly Steady- Choice 57.00-60.00; Good 52.00-56.00; Medium 45.00-51.00; Culls 44.00-Down. Steers-600-850 lbs. Choice 53.00-56.00; Good 46.00-52.00; Medium 45.00-Down. Heifers- (All Weights) Good 41.00-45.50; Medium 37.00-40.00. Springing Heifers To $685.00; Pigs-Hd. Good Run $2.00 Higher- 20-35 lbs. 20.00-34.00; 40-70 lbs. 35.00-49.00; Shoats By Lb. 42.00-53.00; Slaughter Hogs 220-240 lbs. 47.00-47.50; 270-300 lb. 44.00-46.00; 200-210 lb. 44.00-45.00. Sows- 500-750 lb. 37.00-39.75; 350-450 lb. 34.00-36.00.

There Were 563 Hogs Sold Here Tuesday Morning At The Buying Station. Top Price Was $48.00 & One Lot $48.50. Thanks For Your Support. We Are Open to Receive Livestock Every Wednesday 8:00 A.M. And All Livestock Weighed When Received, Not When It Is Sold. That's Why It Pays To Sell At Four States, "The Farmers Market". Sale Starts 6:00 P.M. With Veal Calves First.

Vintage Hay And Straw

Vintage Sales Stables
Thursday, Jan. 9
Report supplied by auction

Alfalfa, 40.00-80.00; Timothy 51.00-67.00; Wheat Straw, 58.00-76.00; Corn Fodder, 40.00.

Keister's Hay & Straw

Keister's Middleburg Auction
Tuesday, Jan. 7
Report supplied by auction
84 loads.

Alfalfa 72.50-77.50; Mixed hay 35.00-70.00; Timothy 56.00-57.50; Straw 55.00-60.00; Ear corn 47.50-65.00; Firewood 17.00-50.00.

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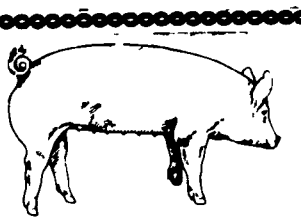

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Phone 717-394-6851

To Transfer Silage

Livestock and dairy producers who have had silage stored in temporary structures might be planning to move this feed into upright silos in the next month or so. Many producers use the temporary storage until some of the material is fed out of the upright silo. By transferring into the upright silo, mechanical feeders can be used. The objective is to move the silage during cold weather.

The months of January and February normally provide this condition. When transferring during warm weather (above 50°F) there is danger of mold heating of the silage. No preservative should be needed. The faster the material can be moved into upright silo, the better it will settle and remove the air.

To Separate Farm Show Animals

The Pennsylvania Farm Show is a big event in our state next week. And, in spite of the winter month, the show attracts a large number of animals. Show regulations do a pretty good job of protecting these show animals and in building up resistance to a number of infections. However, the animals in the home herd or flock may not have the same treatment and resistance.

Therefore, it is very important to keep these two groups of animals separate for at least 30 days after the show. Segregation and sanitation are still very important practices in the livestock world. We have known of Farm Show animals that were returned to the farm and remained in good health; however, the rest of the animals in the barn came down with shipping fever or some other infection.

Don't take chances by mixing the home animals with Farm Show animals, or with newly purchased animals. Give them a 30-day period without this dangerous exposure.

To Service Farm Machinery

This is the time of the year to be preparing your farm equipment for spring work. In the first place, this machinery should not be out in the weather. I still see too much machinery left out in the fields and barnyards. This is not good management and will shorten the life of the equipment.

Preparing farm machinery is necessary every year, and now would be a good time to make use of the off-season labor supplies. Machinery is a huge investment and should be kept in good condition at all times. Rain and snow will soon develop rust on equipment; this will shorten the life span and is a primary casue of many unnecessary breakdowns.

To Use Sawdust On Icy Walks

Freezing rain, sleet and hard packed snow on walkways and driveways are quite slippery and dangerous. The next time you have this condition, try using coarse sawdust to reduce the hazard.

Ammonium nitrate and other fertilizers have been used for melting ice and they may be effective, but the chemical reaction will ruin a concrete surface in just a year or two. Sand and grit from deteriorating concrete, when tracked into the house, is a nuisance to clean and it marks and scratches finished floors.

Some commercial ice melting compounds containing ammonium nitrate are just as bad as fertilizers and the runoff from these melting chemicals may kill grass, trees and shrubs.

Coarse sawdust spread on slippery sidewalks provides a relatively skid-free surface. It has no harmful effect on concrete or plant life. It is much easier to pick up with a vacuum cleaner if tracked into the house.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

The Poisoned Well

January 12, 1986

Background Scripture: Mark 7:1-23, Matthew 5:21-30
Devotional Reading: Matthew 5:13-16.

When Jesus taught his disciples that "whatever goes into man from outside cannot defile him," but "What comes out of a man is what defiles a man," no one knew about or spoke of the human unconscious mind.

Today, almost two thousand years later, we are told, not only that there is an unconscious mind in each of us, but also that all or most of our behaviour is unconsciously determined. How we behave and react to the various circumstances of life is likely to be governed by attitudes and experiences already recorded in the unconscious.

FROM WITHIN

How amazing, then, that long before the rise of psychology Jesus understood the supreme importance of the unconscious mind. Of course, he didn't call it that. He was much more likely to speak of it as "the heart of man." But, regardless of what you call it, the result is pretty much the same: "For from within, out of the heart of man, come evil thoughts, fornication, theft, murder, adultery, coveting, wickedness, deceit, licentiousness, envy, slander, pride, foolishness. All these evil things come from within, and they defile a man" (Mark 7:21-23).

This is not to say that that which is without — the outward acts and deeds — is unimportant. Fornication, theft, murder, adultery and so forth, to be sure, are serious sins. But even more important, is the attitude, the idea, the emotion within that gives birth to these outward acts. Important as it is not to do these things, that much more important it is not to think these things within, for it is the thought of evil that may easily become the seed of the evil act. No matter how spontaneous an evil deed may seem from the outside — for example, a sudden act of violence — it's always preceded by some consideration — conscious or unconscious, of that art within. The danger of playing with evil thoughts is that, under certain conditions, they may be translated into an evil act. No sin is ever completely "unpremeditated."

JUST A THOUGHT?

It used to be that we held a thought to be harmless, so long as it remained unexpressed within us. Only thoughts translated into words and deeds were thought to be harmful. But today we are beginning to realize that a thought within a real "thing," even if it is not expressed verbally or in action. It has been demonstrated by researchers that anger, jealousy or fear held within can have definite, measurable harmful effects upon the human body.

Evil held within the heart (or the unconscious) is no less harmful to our spiritual and mental wellbeing. Evil thoughts do not have to be translated into evil deeds in order to do us harm. Even if we never do them, the thinking of them does us great harm.

The surest way to poison a well—or a life — is at its source.

(Based on outlines copyrighted by the division of Christian Education, National Council of the Churches of Christ in the U.S.A. Released by Community Press Service.)

Governor signs Wenger's tax bill

HARRISBURG — Sen. Noah Wenger, R-36, has announced the final approval of a bill he authored that will provide tax relief to family-owned farms in Pennsylvania.

The new law, recently signed by the governor, will exempt family farms from having to pay a state realty transfer tax when the farm is transferred from a sole proprietor family member to a family farm corporation.

"Under the previous law," Wenger stated, "the owner of a farm was required to pay a one percent state realty transfer tax when the owner formed a family farm corporation. This law will eliminate that tax and make forming a corporation more attractive to family-owned farms."

In some cases, forming corporations is advantageous to farmers because it provides them with tax relief once they become incorporated, Wenger added.

To ensure that the law is used for the purpose intended, the senator said a requirement had been built in, specifically stating that none of the family farm corporation's stock can be sold to a non-family member.

"If that happens within a period of ten years after the farm is incorporated, the tax exemption status would be lost and the corporation would have to pay the transfer fee," Wenger explained.

The new law is similar to a Wenger-sponsored measure approved during the last session of the General Assembly that provided incorporating family farms with a tax exemption on the local realty transfer tax.

"With such a vast quantity of food being produced on Pennsylvania's many family farms, it is essential that we in the legislature work to ensure their stability so that all residents of the Commonwealth benefit from their continued prosperity," Wenger concluded. "This new law offers farmers a well-deserved break in the payment of their taxes."

PFA leaders to attend Farm Bureau convention

CAMP HILL — Leaders of the Pennsylvania Farmers' Association (PFA) will help set national policy for the American Farm Bureau Federation during its 67th Annual Meeting, January 12-16 at Atlanta, GA.

PFA president Keith W. Eckel of Lackawanna County, vice president D. Eugene Gayman of Franklin County, and Roy Christman of Berks County, a member of PFA's State Board of Directors, will be among the more than 270 voting delegates meeting to chart the future course of the 3.3-million family member general farm organization. In addition, PFA state board director Tim Piwowar of Fayette County, will attend the convention as an alternate delegate.

PFA president Eckel said, "Improving net farm income will be the top priority of voting delegates at American Farm Bureau's annual meeting."

Another important issue will be tax reform. Policies to be considered by American Farm Bureau voting delegates will include recommendations made at PFA's annual meeting last November to continue the current accelerated depreciation schedule and annual expensing of preproduction expenditures for livestock, horticultural crops and timber management. In addition, voting delegates will elect American Farm Bureau's president and vice president and fill vacancies on its Board of Directors.

PFA is a general farm organization, representing over 23,000 farm families in Pennsylvania.

Farm Calendar

Sunday, January 12
Farm Show opens. See complete schedule on page D17.
American Farm Bureau annual meeting, Atlanta, GA.

Monday, January 13
Poultry Water Treatment Meeting, Holiday Inn-North, Lancaster, 6:30 p.m.

Tuesday, January 14
Pa. Dairyman's Association Annual Meeting and Banquet, Penn Harris Motor Inn, Harrisburg. For tickets, contact John Blyholder at 717-938-5404.

Tuesday, January 21
Sire Power's 1986 annual meeting, 10 a.m., Sheraton-Harrisburg West, New Cumberland, PA.

Wednesday, January 22
Winter Beef Meeting, York 4-H Center, 7:30 p.m.

Saturday, January 25
Witmer Fire Company Turkey Supper, Witmer Fire Hall, noon to ?. Contact Jay Hershey at 291-9897, or 392-0804.
Computer Fair, Greenwood Elementary School, 9 a.m. to noon, Millerstown, Perry County.

Grange to meet at Farm Show

HARRISBURG — On Monday, January 13, the Pennsylvania State Grange will sponsor their annual meeting at the 70th annual Farm Show beginning at 1 p.m. in room B of the farm show complex.

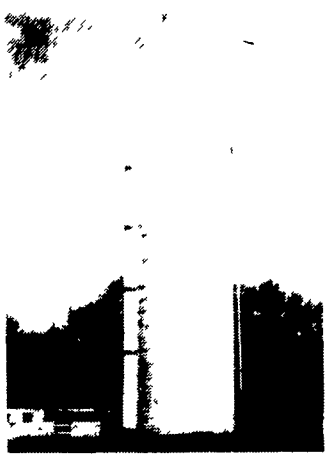
Throughout the meeting there will be four speakers discussing issues relevant to PA farmers and rural citizens. The scheduled speakers and their topics include: Pat Weiss, PA Association of Conservation District Directors executive director, will give an update on the Chesapeake Bay; Leonard Zukus, a coal minor from Schuylkill County, plans to discuss anthracite coal problems; John Pierce, PA Milk Marketing Board executive secretary, will review the board's activities; and Reider J. Bennett-White, director of legislative affairs for Farm Credit Banks of Baltimore, will talk about farm credit banking problems.

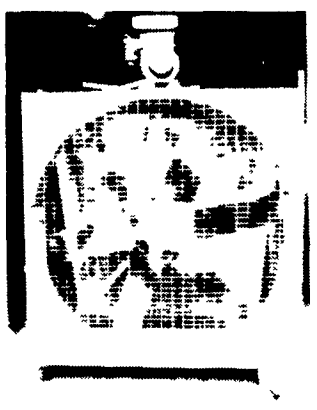
The meeting is open to all Grangers and the general public. For further information call the State Grange at 1(800)242-9661.

THEY SAID THAT THE FARMERS ARE OUT PRODUCING THE DEMAND FOR FOOD. THEY SAY, THE MARKETS JUST AREN'T OUT THERE FOR ALL THE FOOD PRODUCED
OH YES, THAT WAS RIGHT AFTER THAT NEWS ITEM ON...

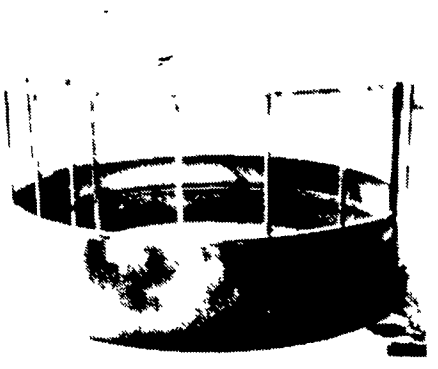
BE THE WISE ONE

VISIT THE FARM SHOW
BUT CHECK OUR PRICES BEFORE YOU BUY





Available in Gas or 1½ HP 2 HP Electric and Hydraulic Motors



Lancaster HAY RACK is made to save pick and save hay. Round 2 piece design w 18 openings. Made of heavy square tubing and wide feet that sit bottom. Easy to move, easy to fill.

Lancaster BELT FEEDER AND NEW Lancaster CONVEYOR
Modern dairy and beef feedlots can be automated with the use of bunk feeders using belt feeder units. Corn silage, haylage, high moisture corn and other feed material can be distributed quietly, evenly and with no separation. A traveling plow unit places the feed directly to the center of the bunk trough. Simple operation and very low horsepower requirements make this Lancaster belt feeder popular with dairy and beef operator. Rubber belt and wooden trough design keep plate from contacting or corroding metal.

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the one that keeps rolling when others quit!

Automatic EARCORN BLOWER MILL

1 Demo Unit
$7500

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"GATES"
STRONG -
LIGHTWEIGHT
1 5/8" Tubing
Painted

Gates w/Latch & Hinge

8 ft	ea	$55.00
10 ft	ea	$60.00
12 ft	ea	$65.00
14 ft	ea	$70.00
16 ft	ea	$75.00

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10% CASH DISCOUNT ON ABOVE ITEMS

Lancaster Brand
Single and Double
UNIT WATERERS
14 GAUGE STAINLESS STEEL

WATER THAT WON'T QUIT

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DELIVERY

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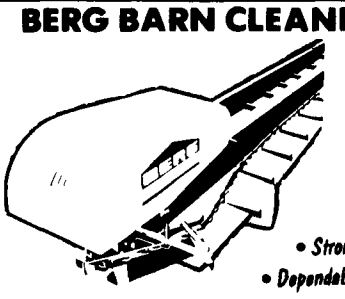
STAINLESS STEEL SHIELD COVERS
STAINLESS STEEL AUGER COVER

BERG BARN CLEANERS



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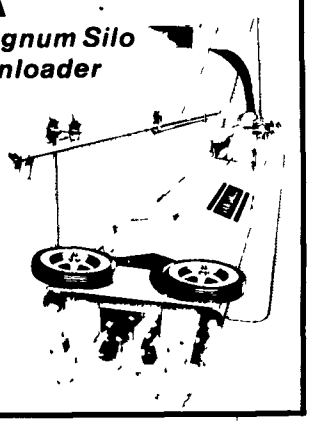
Magnum Silo Unloader



You've got troubles enough without putting up with equipment that won't perform. Especially feeding equipment that you use every day in the year.
The answer. Trade now for a VAN DALE.
Save your motor, cable, winch, tripod. Renew the heart of your system by trading now for a new VAN DALE unloader... the unloader that keeps going year 'round, helps keep your animals fed on schedule, helps keep you from climbing silo in below zero weather.

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Ring Drive Silo Unloader

Features:
- Positive drive in loose and frozen material
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- Quicker changeovers and increased silo capacity
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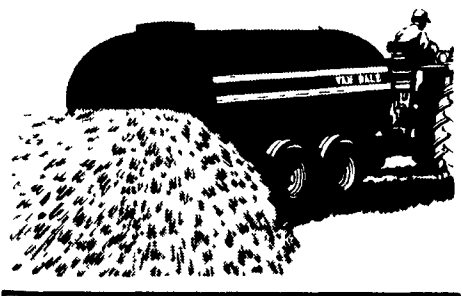

DON'T DELAY
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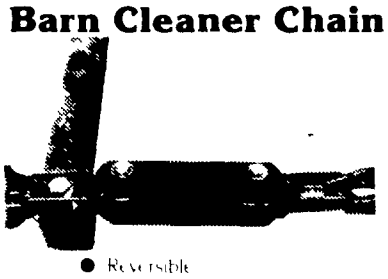
Barn Cleaner Chain



- Reversible
- Fits most barn cleaners
- Heavy duty forged links
- 5/16 inch flat links
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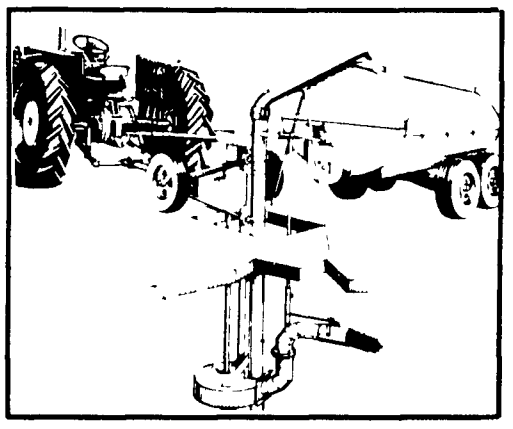
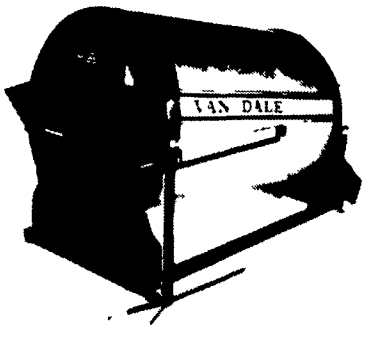


Agitator/Filler Pump

BRAND NEW ITEM



Orbit Mixer For TMR
With Stainless Steel Drum

Livestock market and auction news

Westminster Livestock Auction

Hagerstown, Md.
Monday, Dec. 31
Report supplied by auction

SLAUGHTER COWS: Light Run Prices Steady. High Yield Couple 40.00 & 45.00; Utility 34.00-38.75; Canners 30.00-34.00; Shelly 30.00-Down. Fed Steers- Low Choice 54.00-58.00; Good 52.00-55.00; Holstein 40.00-45.00. Veal Calves- 113 Hd. Good 125-160 lb. 55.00-65.00; Killers 80-100 lb. 38.00-46.00; Weak/Rough 35.00-Down. Farm Calves- Holstein bulls 100-120 lb. 70.00-99.00; 90-95 lb. 46.00-65.00. Butcher Hogs- US #1 & 3 215-240 lb. 46.00-46.75; 195-210 lb. 1 Lot 42.00. Sows- 400-700 lb. 34.00-38.50.

STOCK CATTLE: 85 Hd. Steers 800-1000 lb. 50.00-54.00; Holstein 600-900 lb. 36.00-38.50. Heifers- 300-500 lb. 42.00-50.00; 500-700 lb. 39.00-43.00. Bulls- 300-500 lb. 47.00-54.00; 500-700 lb. 35.00-44.00; 700-900 lb. 32.00-37.00. Lambs- Few Offered. 45-75 lb. 67.00-73.00. Goats- Large 44.00-57.00; Medium 30.00-40.00. Pigs & Shoats- Small Run. 25-40 lb. 15.00-20.00; 1 Lot 44 lb. 33.00; By The Lb. 1 Lot 195 lb. 40.50. Boars- 400-600 lb. 24.75-26.50.

HAY-25 LOADS. ALFALFA $82-95 a ton - $1.80 a bale; TIMOTHY $76-82.50 a ton - $1.45 a bale; MIXED HAY $80-93 a ton - $1.50-1.55 a bale; STRAW WHEAT $1.35 a bale; OAT STRAW $63 a ton - 80 cents-1.45 a bale; MULCH 65 cents a bale; FIREWOOD $63 a cord.

Lebanon Valley Livestock

Lebanon, Pa.
Tuesday, January 7
Report Supplied by PDA

CATTLE 283: Few Good slaughter steers 52.25-58.25, few Standard 46.00-49.75, Good & Choice 1325-2030 lbs. holsteins 45.25-50.75, few Choice 50.60-54.25, Standard 41.25-45.35, few 48.00, few Utility 31.00-40...Few Choice 2-4 1010-1235 lbs. heifers 49.75-54.50, one 57.50, one yield grade #5 at 45.50, few Standard 42.85-44.50, few Utility 38.75-41...Breaking Utility & Commercial slaughter cows 36.50-39.75, one 43.75, few Low Yielding 32-36.25. Cutter & Boning Utility 33-37.60, Canner & Low Cutter 28.0-33, Shells down to 22...Few Good slaughter bullocks 45.85-46.25, few Standard 43-45.75, two Utility 36.25&37...Yield Grade No. 1 1265-2070 lbs. 44.50-47.50, few 51.25, few #2 1320-1935 lbs. 43.75-47.

CALVES 275...Choice vealers 84.00-96, Good 70.00-85, few Standard & Good 125-140 lbs. 58.00-70, 90-110 lbs. 41.00-45, 65-85 lbs. 38.00-43. Utility 55-110 lbs. 30.00-38, few down to 20.00...FARM CALVES: Holstein Bulls 90-130 lbs. 45.00-98, mostly 75.00-96; few Holstein Heifers 90-110 lbs. 48.00-51.00.

HOGS 190...US No. 1-2 230-245 lbs. barrows and gilts 48.35-48.85, two lots 50.00&50.50, No. 2-3 205-240 lbs. 46.00-47, few 48.35-50, lot No. 2-4 260 lbs. at 49.25, No. 1-3 130-175 lbs. 35-36.50...US No. 1-3 3-765 lbs. sows 36.50-39.50, one at 40.00, No. 2-3 3-490 lbs. 33.50-37.50...Boars 31.00-33.00.

FEEDER PIGS 19...US No. 1-3 35-47 lbs. feeder pigs 58.00-62 per hundredweight.

SHEEP 12...Few Choice 60-120 lbs. wooled slaughter lambs 60.00-69, one Good 60 lbs. at 66.00...Few Slaughter sheep 18.00-25...GOATS 3: 33.00-41.00 per head.

New Holland Dairy

New Holland Sales Stables
Wednesday, Jan. 8
Report supplied by auction

Reported receipts of 104 cows, 66 heifers, and 4 bulls.

Market stronger.

Load of Canada fresh cows, 610.00-1000.00 springers 560.00-910.00.

Load of PA fresh cows, 445.00-925.00.

Load of PA fresh cows, 635.00-875.00.

Load of NY fresh cows, 510.00-975.00.

Load of PA fresh cows, 600.00-1125.00.

Load of PA fresh cows, 710.00-1075.00.

Load of Canada fresh cows, 660.00-1085.00, springers 650.00-910.00.

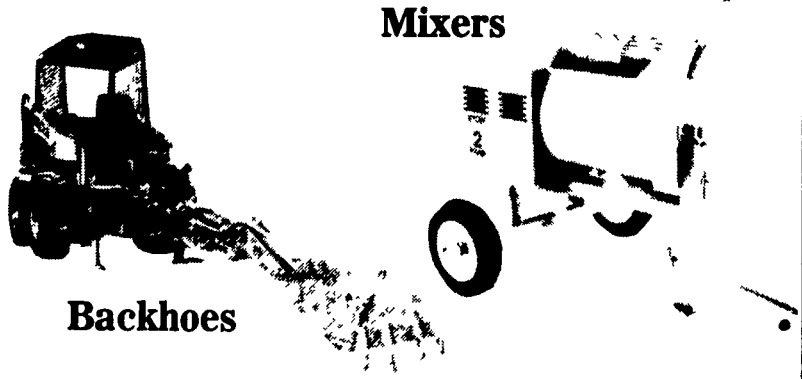
Locally consigned cows 360.00-900.00.

Springing heifers 450.00-800.00.

Open heifers 245.00-400.00.

Bulls 350.00-610.00.

RENTAL SERVICES & SALES
Of Construction Equipment



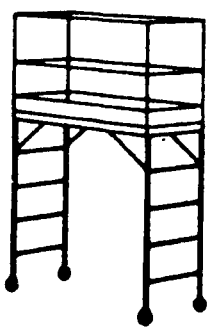
Mixers

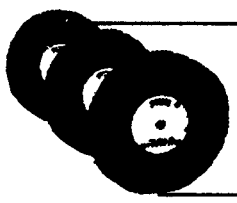
Backhoes

And Much More!

Bil-Jax

Scaffolding





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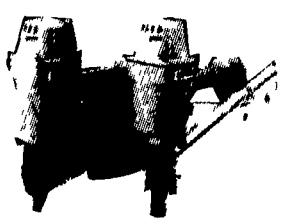

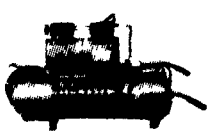

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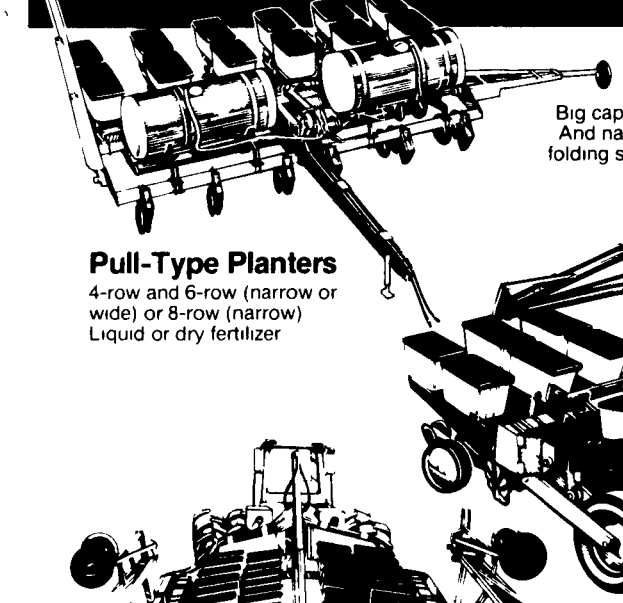
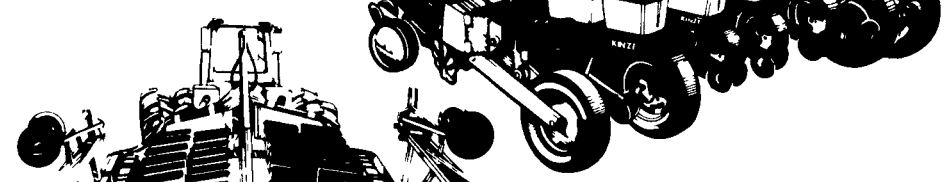
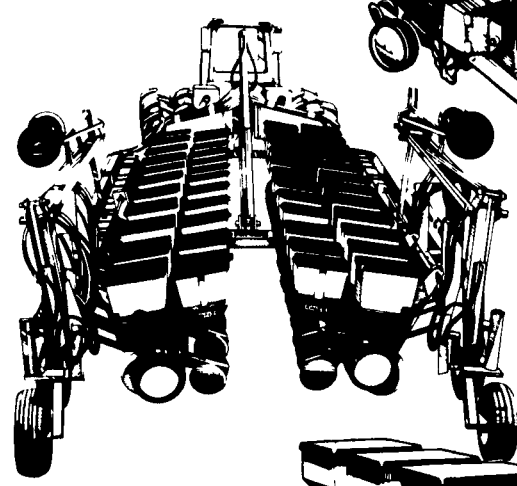


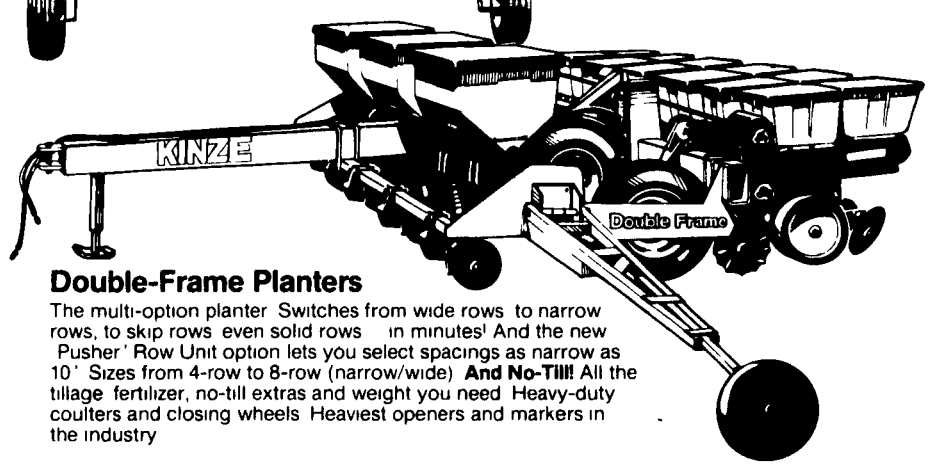
New ... Econo-Fold Planters
Big capacity on a solid, heavy-duty frame And narrow transport with a cost-efficient folding system Available on 8-row (narrow or wide) and 12-row (narrow)

Pull-Type Planters
4-row and 6-row (narrow or wide) or 8-row (narrow) Liquid or dry fertilizer





Rear-Fold Planters
Even more capacity! Giant rear-folding planters that transport at just 14 ft wide! Sizes up to 24-row (30')



Double-Frame Planters
The multi-option planter Switches from wide rows to narrow rows, to skip rows even solid rows in minutes! And the new 'Pusher' Row Unit option lets you select spacings as narrow as 10' Sizes from 4-row to 8-row (narrow/wide) **And No-Till!** All the tillage fertilizer, no-till extras and weight you need Heavy-duty coulters and closing wheels Heaviest openers and markers in the industry

KINZE Plants With ...
- Most advanced technology in the field today!
- Dependable plateless row units (finger pickup for corn, seed cup metering for beans)
- Finest industrial grade components money can buy
- The fertilizer/tillage options and weight you need in no-till, minimum till or conventional

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Walker's Farm Service
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Longenecker's Inc
814/793 3731

Livestock market and auction news

Carlisle Livestock

Carlisle, Pa.
Tuesday, Jan. 7
Report supplied by auction

CATTLE: (232 hd.) Steers: Choice 57.00-59.85; Good 52.00-56.50. Good & Choice holsteins 45.25-50.00. Medium to 51.50. Heifers low choice 54.00-56.00; Good 46.50-52.50; Medium (mostly Holsteins) 41.00 down. Cows high yield 38.00-38.85; Good 35.75-37.75; Medium 32.00-35.50; Big Middle 31.00-36.25; Shelly 30.00 Down. Fat Bulls good 45.00-47.25; Medium 43.50-44.00.

FEEDER CATTLE: Steers(300-550 lb.) Choice 62.00-67.00; Good 52.00-59.00; Medium 45.00-51.00; Culls 44.00 down. Heifers (all weights) Good 41.50-46.00; Medium 40.00 down. Bulls (all weights) Choice 51.00-56.00; Good 47.00-50.00; Medium 37.00-41.50.

VEAL CALVES: (211 hd.) Choice 85.00-103.00; Good 65.00-80.00; Medium 50.00-64.00; Light/weak 49.00 down; Farm Bulls 80.00-104.00.

HOGS: Barrows & Gilts (815 hd.) (US No. 1-3) 210-250 lbs. 46.00-:48.25, over 260 lb. 46.00-46.85; 2 & 3's 40.00-45.75.

SOWS: (47 hd.) Over 450 lb. 36.50-40.75, under 450 36.50-38.75, 2 & 3's 34.00-35.25; Boars heavy 27.25-29.50.

FEEDER PIGS (by the hd.) (240 hd.) (20-29 lbs. 14.00-21.00) (30-40 lbs. 22.00-30.00) (45-65 lbs. 27.00-38.00). Shoats (by the lb.) to 43.00.

SHEEP: Lambs choice 69.00-72.00; Good 58.00-63.00; Ewes 15.00-30.00 lb.; Goats (Lg) 43.00-61.00.

Keister's Livestock

Middleburg, Pa.
Tuesday, January 7
Report supplied by auction

CATTLE 457: High Choice & Prime slaughter steers 62.25-65.25, Choice 57.50-63.50, Good 45.00-50.75, Standard 45.00-53.00, Good & Choice holsteins 53.00-56.00, Good 53.00-57.50, Standard 38.00-45.00. Choice slaughter heifers 58.00-60.25, good 52.00-57.75, Standard 45.00-52.00, Utility 36.00-45.00. Breaking Utility & Commercial slaughter cows 35.00-38.85, Couple 40.75, Cutter & Boning Utility 32.75-36.00, Canner & Low Cutter 28.50-32.75, Shells down to 27.00. One choice slaughter bullock 59.00, Good 50-55.25. Yield Grade No. 1 1200-1765 lbs. slaughter bulls, 46-48.75, Yield Grade No. 2 800-1200 lbs. 43.00-46.00. FEEDER CATTLE: Steers 45-62.00; Heifers 35-53.00; Bulls 38-59.00.

CALVES 228: Prime 94.00-99.00, Choice 88-94.00, Good 65.00-80.00, Standard & Good 90-110 lbs. 45.00-55.00, 60-90 lbs. 35.00-45.00. FARM CALVES: Holstein bulls 90-125 lbs. 75.00-100.00.

HOGS 351: US No. 1 220-235 lbs. barrows & gilts 49.00-50.25, No. 1-2 215-235 lbs. 48.00-49.00, No. 2-3 200-250 lbs. 47.00-48.00, 2-4 190-270 lbs. 46.00-47.00. Sows - US No. 1-3 290-600 lbs. sows 36.00-38.00, No. 2-3 300-600 lbs. 30.00-35.00. Boars - 30.50-33.25.

FEEDER PIGS 515: US No. 1-3 20-35 lbs. feeder pigs 20.00-35.00 per head, No. 1-3 35-50 lbs. 35.00-45.00. All per head.

SHEEP 31: Choice Wooled slaughter lambs 65.00-72.00, Good 55.00-65.00. Slaughter ewes 25.00-38.00.

Peoria Cattle

Thursday, Jan. 9
Report Supplied by USDA

Trading slow to moderate. Demand moderate. Slaughter Steers and Heifers closed the week 3.00 to 5.00 lower with most decline on steers. Cows weak to 2.00 lower. Bulls 1.00 to 2.00 lower. Supply mainly Good to low. Choice Slaughter Steers and Heifers with 19% Cows. Estimated receipts about 2200 this week as compared with actual receipts of 1159 a week ago and 2444 a year ago.

SLAUGHTER STEERS: Choice 2-4, mostly 3 1050-1250 lbs. 60.50-62.50. Early, late 58.00-60.00; 1000-1050 lbs. 60.00-61.00. Choice 3-5 1100-1200 lb. 59.50-60.50. Mixed Good and Choice 2-3 1000-1200 lbs. 55.50-60.00. Good 2-3 900-1050 lbs. 53.00-59.00. Load Mixed Good and Choice 2-3 Holsteins 1270 lbs. 55.00.

SLAUGHTER HEIFERS: Choice 2-4, mostly 3 950-1150 lbs. 59.00-60.50 early, late 57.50-59.00. Choice 3-5 1000-1100 lbs. 58.00-59.00. Mixed Good and Choice 2-3 900-1000 lbs. 55.50-58.50. Good 2-3 800-950 lbs. 52.00-57.50.

COWS: Cutter and Boning Utility 1-2 30.00-34.00, few high dressing 35.00-35.50. Canner and low Cutter 28.00-33.00.

BULLS: YG 1-2 1500-2000 lbs. 40.00-45.00; 1200-1500 lbs. 38.00-43.00.

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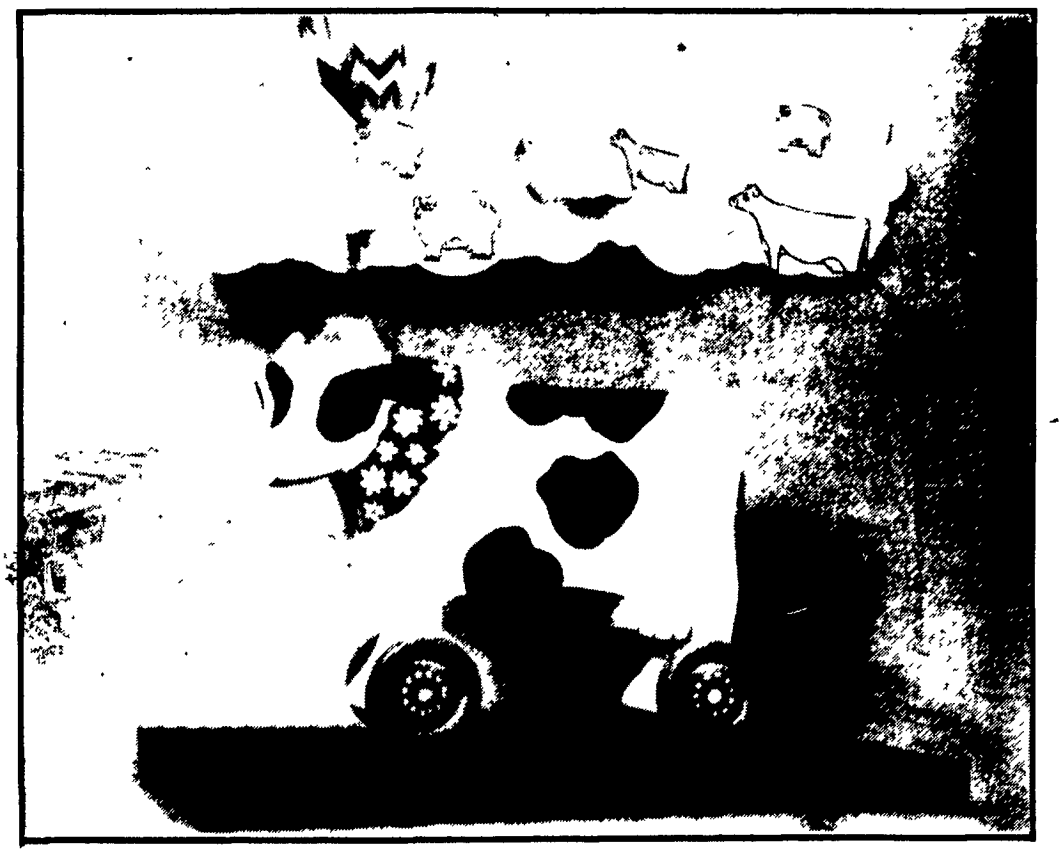

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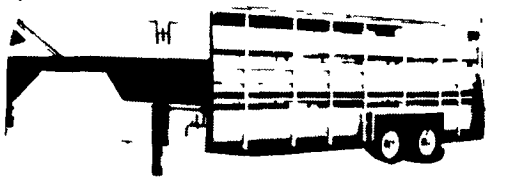

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Philadelphia Wholesale Fruit and Vegetable Report

Monday, Dec. 30, 1985
Report Supplied by USDA
FRUIT

APPLES: SLIGHTLY LOWER. Ctn tray pack, VA Comb USExFcy-Fcy Red Delicious 64-100s 10.00-11.00, 113s 9.00; NJ Comb USExFcy-Fcy Red Delicious 64-100s 10.00-11.00, 113s 9.00; USFcy 64-100s 9.00-10.00, 113s 8.00; Stayman 72-100s 13.00-14.00; ID Red Delicious USExFcy 64s 18.50-20.00, 72s 18.50, 100s 16.50, 125s 14.50; MI Red Delicious USExFcy 88s 13.50; PA Comb USExFcy-Fcy Red Delicious 64-100s 9.00-11.00, few 8.00, 113s 8.00-9.00; USFcy 64-100s 9.00-10.00, 113s 8.00; CA Granny Smith USFcy 56-64s 12.00; 12-3 lb film bags 2¼" min USFcy NJ Red Delicious & Red Romes 7-7.20; Stayman 7.50-8.00; NY MacIntosh 6.60; PA Red Delicious USExFcy 8.00; buctn loose, PA Red Delicious no size or grade mark 4.00.

PEARS: WA US #1 4/5 buctn D'Anjous 90s 20.00, 110s 19.00, 120s 18.00, 135s 15.00; Seckel 294 size 17.50, 20-2 lb film bags 1" min 14.50.

VEGETABLES

ARTICHOKES: CA flat ctn 36-48s fair cond 10.00, 48s ord cond 4.00-5.00.

BEANS-GREEN: SUPPLIES LIGHT. Various bushel containers Round Green type unless otherwise stated; FLA mostly handpicked 20.00-24.00, mos 21.00-22.00, few 25.00.

BEETS: SLIGHTLY HIGHER. NJ bubkts topped 6.50-7.00, mos 6.50; TX crt bchd 12s 6.50-6.75, mos 6.50.

BROCCOLI: LOWER. Ctn bchd, CA 14s 8.00-9.00, few 10.00, 18s 8.50-10.50, mos 9.00; AZ 14s 8.00, 18s 9.00; TX 14s one lot 5.00-6.00, 18s 7.50-8.50, mos 8.00, few 9.00.

BRUSSEL SPROUTS: CA 25-lb ctn loose 10.00-10.50, few 12.00, fair cond no ice 4.00.

CABBAGE: LOWER. 1¾ buctn & crt medium Green unless otherwise stated; FL 10.00-11.00 Savoy & Red 12.00; DE fair qual 8.00-9.00; NY fair qual 8.00-9.00; Red 7.50; 50-lb sks Red 7.50; Danish type 8-10s 7.25-7.50, mos 7.50, 12-16s 7.50-8.00, one lot 7.00.

CARROTS: ABOUT STEADY. 48-1 lb film bags in film sacks; CANADA med 8.50-9.00; 24-2 &10-5 film bags in film sks CANADA med 8.00; 50-lb sks loose jbo CA 9.50-10.00, mos 10.00, one label 12.00; CANADA 8.25-9.00, mos 8.50; ctn bchd 24s CA 9.50-10.50, miniatures ctn 20-12 oz film bags.

CAULIFLOWER: LOWER. Ctn film wrpd, CA 12s 11.00-13.00, mos 12.00, ord cond 3.00, 9s 10.00-10.50; FL & TX 12s 10.00-12.00, 9s 9.00, 16s 6.00-8.00.

CELERY: ABOUT STEADY. Ctns & crts, CA 2 doz 15.00-16.00, 2½ doz 14.00-15.00, few hgr, fair cond 11.50-12.50, 3 doz 13.00, fair cond 9.00-10.00, 4 doz 12.00, fair cond 8.00-9.00, Hearts film wrpd 18s 10.50, few hgr.

CUCUMBERS: LOWER. 1-1/9 buctns & crts waxed med unless otherwise stated; MEXICO 13.00-16.00, mos 14.00-15.00, fair appear 12.00, fair cond 8.00, fair qual 11.00-13.00, mos 12.00-13.00, few 14.00, sml 12.00-13.00; Pickles unwaxed sml-med few 15.00; HONDURAS fair cond 12.00.

DILL: TX crt bchd 24s 12.00.

EGGPLANT: ABOUT STEADY. FL 1-1/9 buctns wrpd 6-6.50, fair qual low as 4.00, ord qual 2.50-3.00; MEXICO crt wrpd 18s 6.50-7.50, few lwr.

GARLIC: CA per lb Late Keeping super-jbo 1.40, ex-jbo 1.30, jbo 1.25, packages 12-2s 1.40.

GREENS: ABOUT STEADY. 1½ bucrt bchd unless otherwise stated, GA Kale 7.00-8.00, Collards 6.00-7.00, fair cond 4.00; TX Collards 10.00-12.00, fair appear 9.00, Mustard & Turnip Tops 8.00-10.00, mos 10.00, Kale 10.00-12.00, fair appear 8.00-9.00, Rabe 10.00; CA 20-lb ctn Broccoli Rabe loose 13.00-15.00; AZ Collards 6.00-8.00, 20-lb ctn Broccoli Rabe 10.00-11.00; MEXICO 20-lb ctn Broccoli Rabe fair cond 7.00-8.00.

LEEKS: SUPPLIES LIGHT. FL ctn bchd 12s 14.00; CA ctn bchd 12s 17.00.

LETTUCE-ICEBERG: LOWER. Ctn 24s unless otherwise stated, CA 11.00-13.00, mos 12.00-13.00, few 10.00, occ 13.50, one lot 9.00, fair cond low as 5.00, 30s one lot 7.00, fair cond 6.00, film wrpd 14.00, one label 16.50, fair qual 10.00-12.00; FL 10.00-11.00, mos 10.00; AZ 11.00-12.00, few hgr.

ROMAINE: CA 24s ctn 14.00- 17.00, mos 16.00-17.00, few hgr crts 20.00; FL ctn 24s 13.00-14.00, ord cond 4.00-5.00, 1-1/9 bucrt 9.00-11.00.

BIG BOSTON: CA ctn 24s 10.00-12.00, mos 10.00-11.00, few 9.00; FI ctn & crts 24s 7.00-8.00.

BIBB: FL bkt 20s 7.00.

LEAF: CA ctn 24s 13.00-15.00, mos 14.00-15.00; Red 14.00-16.00, mos 15.00, few 13.00; FL 1-1/9 bucrts 9.00-10.00, mos 9.00, 24-qt bkt 7-7.50.

MUSHROOMS: SLIGHTLY LOWER. PA 4-qt bkt med-lge 4-4.50, few 4.75, sml-med 3-3.50, 10-lb ctn 8-8.50, pkgs 12-10 oz 8.50, few 8.75.

OKRA: TOO FEW SALES TO QUOTE.

ONIONS-DRY: ABOUT STEADY. 50-lb sacks US #1 or generally good quality Yellow Grano unless otherwise stated; NY Globe type med 3.50-4.50, mos 4.00, few low as 3.00; MI Globe type med 4.50; 20-lb mesh sacks Red lge 5.25-5.50, med 3.50-4.00, mos 3.50.

ONIONS-GREEN: ABOUT STEADY. Ctns & crt bchd 48s, CA 7.00-8.50, mos 7.50-8.00.

PARSLEY: SLIGHTLY LOWER. Bunched 5 dozen curly unless otherwise stated, TX crt including plain 17.00; CA ctn 16.00-17.00, mos 16.00; FL crt 17.00-18.00, plain 18.00-19.00.

PARSNIPS: NJ ½ bubkt 8.00.

PEPPERS: LOWER. 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated, FL exlge 11.00-12.00, ord cond 4.00-5.00, lge 9.00-11.00, mos 10.00, few ghr fair cond 4.00-5.00, med 6.00-7.00, mos 6.00, few 8.00, sml-med 5.00-6.00, sml 4.00, fair cond 2.00-3.00; Mxd Red med 3.00-5.00, mos 4.00, med-lge fair cond 4-4.50; Red lge 12.00, med 10.00, sml 7.00; Cubanelles lge 15.00-18.00; Longhots 19.00-20.00.

POTATOES: ROUND WHITES SLIGHTLY HIGHER, OTHERS ABOUT STEADY. 50-lb sacks U.S.#1 size A washed or brushed unless otherwise stated; ROUND WHITES, LI 2.50-2.60, lge 3.00; ME 2.35-2.50, mos 2.50, few higher, lge 3-3.25, mos 3.00; 10-lb paper sks 60 cents baled film bags 10-5 lb. 4.50 5-10 lb 3.50; NJ 2-2.25; PA unwashed 1.85, few 2.00, lge 2.50; CANADA PEI CD#1 3-3.25; RUSSETS, 50-lb ctns counts unless otherwise stated; ID 70-80s 9.50-10.00, mos 9.50, 90s 8.00-9.00, mos 8.50, 100s 7.00-8.00, mos 7.50, baled 10-5 lb film bags non size A 7.50-8.00; WI 70-80s 7.00, 90s 6.50-7.00, 100s 6.00.

RADISHES: LOWER. FL Red ctns 30 6-oz film bags 4.00-5.00, mos 4.50-5.00, 14-1 lb film bags 5.00; White 24-8 oz film bags 6.00.

RUTABAGAS: CANADA waxed medium CD #1 50-lb ctns 5.00.

SPINACH: ABOUT STEADY. TX Savoy type bubkts 10.00-11.00, mos 10.00; FL Savoy type 1-1/9 bucrts including clipped 10.00-11.00.

SQUASH: ABOUT STEADY. FL ½ buctns Yellow Straightneck sml 15.00-16.00, 1-1/9 bucrts Acorn med 16.00, sml few 12.00; NJ Butternut buctns 5.00-6.00.

SWEET POTATOES: ABOUT STEADY: MD 50-lb ctn Jewel 6-6.50; NJ Jewel 50-lb ctn 5.00, bubkts fair qual 6-6.50; Yellow Jersey 50-lb ctn 7.00-8.00, ½ buhmprs 6-6.50; Red Jersey ½ buctns 8.00, fair qual 5.00; White skin ½ buctns few 5.00.

TOMATOES: LOWER. 25-lb ctn Pink to Light Red 85 percent US #1 or better unless otherwise stated; SALES BY REPACKERS, FL 5x6s 19.00-20.00, mos 19.00, 6x6s 16.00-18.00, 6x7s 12.00-13.00; SALES BY OTHERS, FL 5x6s 18.00, 6x6s 16.00, 6x7s 12.00, fair qual 5x6s 17.00-18.00, 6x6s 15.00-16.00.

TURNIPS: TOPPED PA 25-lb film bags med 4.50; NJ bubkts med 6.50-7.00.

WATERCRESS: FL ctn bchd 24s 8.25-8.50.

Morrison Cove Livestock

Martinsburg, Pa.
January 6, 1985
Report supplied by auction

CATTLE 182. Choice 63.50-64.75, Choice 62.25-63.25, High Good & Low Ch. 60.50-61.75, Good 54.50-59.00, Good & Choice holsteins 49.00-54.00, Standard 45.00-48.00, Utility 41.50-44.00. Choice sl. heifers 62.00-64.00, Good 56.00-60.25, Standard 49.00-55.00, Utility 42.50-48.00. Breaking Ut. & Commercial sl. cows 38.00-40.25, Cutter & Boning Ut. 34.50-37.25, Canner & Low Cutter 30.50-34.10, Shells down to 10.50. Choice sl. bullocks 49.00-52.00, Good 45.00-48.25, Standard 41.50-44.00, Utility 38.00-40.25.

FEEDER CATTLE: Steers Good 51.00-56.00, Standard 42.00-48.00, Heifers Good 48.00-53.00, Standard 40.00-46.00, Bulls Good 48.00-55.25, Standard 41.50-46.00.

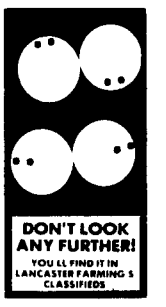
CALVES 342. Choice 74.00-78.00, Good 68.00-73.00, Standard 54.00-66.00, Standard & Good 90 lb. to 130 lb. 42.50-49.00, Utility 60-80 lbs. 38.50-41.00.

FARM CALVES: Holstein bulls 90-130 lbs. 85.00-102.00, Holstein heifers 95-130 lbs. 54.00-61.00.

HOGS 152. US No. 1-2 220-240 lbs. barrows and gilts 46.75-47.75, No. 1-3 200-260 lbs. 45.50-46.25, US No. 1-3 350-600 lbs. sows 38.00-41.50, No. 2-3 350-600 lbs. 35.75-37.50. Boars 27.50-29.50, Light weights 29.75-31.50.

FEEDER PIGS 44. US No. 1-3 25-30 lbs. feeder pigs 16.00-22.00 per head, No. 1-3 35-45 lbs. 26.00-34.00, No. 1-3 50-60 lbs. 36.00-40.00.

SHEEP 28: Good 90-160 lbs. 28.00-36.00. Slaughter ewes 19.00-26.00. GOATS $26.00-$34.00 per head.



EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 3020 power shift diesel	$8,250
JD Model B Hi-Crops	$1,250 Each
JD 1530D Tractor	$8,750
JD 4230 Quad, Sound Guard	$17,500
(1) White 2-105 w/Roll Guard	Make Offer
IH 240 w/Fast Hitch and 2B Plow	$2,150
MF 30B Industria SOLD	$10,950
Oliver 1255 4WD Tractor w/Loader	$6,950
JD 4640 Tractor, P S 840 Hrs	$32,500

COMBINES & PICKERS:

NI 2RW, pull picker, nice, model 311	$2,350
6600 Combine, new gas engine	$6,950
JD 443 4 row 30" corn head	
NI 818 combine 4R narrow head & 13' flex head Sharp	Price on Request
JD 6620 Side Hill Turbo Hydro w/15' Flex Head	Price On Request
JD 3300 Dsl w/Cab 643 C H & Rotary Screen SOLD	Price on Request
#643 6 Row 30" Corn Head	
#244 2 Row Corn SOLD	
NI 2 R Narrow Model 325 Pull Type Picker w/Grinder, like new	$4,500

PLANTERS & GRAIN DRILLS:

JD 4400 Diesel High Back Seat Sharp	$16,500
JD 20x6 Model B Plain Grain with Grass D D	$2,350
JD 8300 Bean Drill	$4,500
JD 7000 6 Row Planter	$6,350
JD 8 Row 7000 30" Planter	
JD 490 4 row Planter	$375
IH 400 4 Row Air Planter, Sharp	$1,950
IH Model 620 12' Press Wheel Drill, like new	$4,850

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JD 60 Skid Steer Loader
Oliver 770 Diesel
Dion Forage Wagon
IH 2414 Ind. Tractor
IH 1066 Cab, Air
JD 6600 Dsl. Rotary Screen
#213 Flex Head
IH 2400 Hydrostatic Loader Tractor

HAY MACHINES:

JD 1209 Mower Conditioner w/Stub Guards	$3,850
JD 1209 Mower Cond Non-Clog	$2,650
JD 410 Round Baler, Sharp	$4,350
NH 469 Mower Conditioner	$2,650
JD 14T Baler	$750
NH 479 Haybine	$3,850
Hesston Hydro-Swing Mower Conditioner	$2,750

MISCELLANEOUS:

18 4x38 Direct Axle Dual Wheels	
14 9x38 Direct Axle Dual Wheels	
20 8x34 Direct Axle Dual Wheels	
Papec #880 Grinder Mixer w/Molasses Attach - Sharp	$3,950
IH 850 Grinder Mixer	$1,450
JD 6 Row 30" Rear Cultivator	$1,250
14 9x26 T-rail duals	
20 8x34 direct axle, less rubber	
NH 790 Tandem axle spreader	$4,250
NH 679 tandem axle spreader, hyd endgate	$3,850
Better Bilt 1500 Gallon Tank Spreader	$3,450
NH #90 Bale Mover	
NI 214 Spreader w/End Gate	$1,850

TILLAGE:

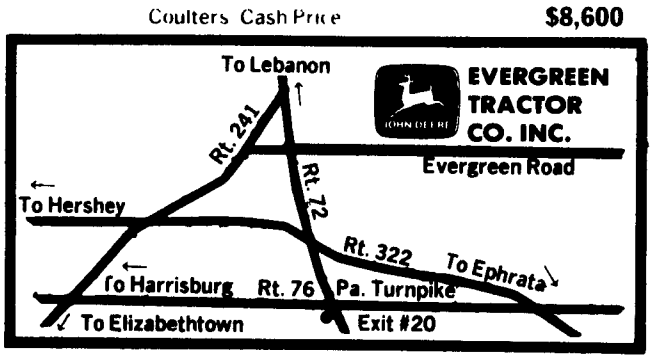
JD 225 10' Offset Disc	$2,850
Dunham 14' Packer	$775
JD 13x16" Plow, 3 Pt	$675
Oliver #565 4-15 Semi-Mounted Plow	$1,450
JD BWF 18' Wing Disc	$2,650
Brady 30' Field Cultivator	$5,450
JD F145 6x16 Plow	$1,850
JD F350 5x16 Plow	$2,450
Brady 12½' Field Cultivator	$1,750

HARVESTERS & FORAGE EQUIPMENT:

Fox Model 2000 Harvester w/2 Row Narrow & PU	$2,600
NH Super 717 Harvester	$2,450
NH P U Attachment	$575
(2) JD 5½' Pickup Attachment	
JD 5400 4 WD Harvester 3 Row 30" Row Crop & 7' Pickup	
(1) John Deere 34 w/One Row Row Crop	$950
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,850

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

(1) JD 2700 5 18 Plow with Cover Boards and Coulters Cash Price $8,600



30 Evergreen Rd Lebanon PA (717) 272-4641

Livestock market and auction news

Central U.S. Carlot

Pork Report
Wednesday, Jan. 8
Report supplied by USDA

Central U.S. Carlot Pork Report FOB Omaha Basis (Includes the major production areas in the Midwest) as of 3:30 P.M.

Compared to Wednesday's 4:00 report: Fresh Pork Loins 14-18 lbs. steady to $2.00 lower; Picnics weak; Boston Butts $3.50 lower; Skd Hams $.50-2.00 lower; Sdls Bellies steady to $2.00 higher. Trade active on skd Hams; moderate on other cuts. Demand light to moderate for moderate to heavy offerings.

U.S. No. 2 175 lb. pork carcass cutout value declined $.67 to $62.38 per cwt.

Sales reported on 53 loads of fresh pork cuts & 3 loads of trimmings and boneless processing pork.

Fresh Pork Cuts

LOINS, REGULAR: 14-18 lbs. 94.00-96.00, part load 97.00 stdy-2.00 lower.

18-22 lbs. 94.00.

22&up lbs. 77.00.

Picnics:

4-8 lbs. 52.00, weak.

Boston Butts

4-8 lbs. 70.50, 3.50 lower.

4-8 lbs. 66.00 combo packed.

8&up lbs. 72.00.

Skinned Hams

17-20 lbs. 60.00-61.00, 1.00-2.00 lower.

20-26 lbs. 60.00-60.50, .50-1.00 lower.

Bellies
(Sdls Skin On)

12-14 lbs. 63.00-66.00, generally steady.

14-16 lbs. 63.00-66.00, generally steady.

16-18 lbs. 58.00, 2.00 higher.

18-20 lbs. 47.50.

20-25 lbs. 42.00, steady.

Bellies
(Sdls Skin On Frozen)

12-16 lbs. 59.50-60.00, generally steady.

Pork Trimmings
Boneless Processing Pork
(Chemical Lean)

42% Lean Trmgs Fresh 40.75.

72% Lean Trimgs Frozen 70.00, weak.

Jowls Fresh 33.00, steady.

Cured and Processed Pork:
Smoked Hams
(Water Added)

16-19 lbs. 70.00-79.00.

19-23 lbs. 64.00-78.50.

Picnics

4-7 lbs. 66.00-71.00.

No. 1 Bacon

1 Lb. pack 125.00-158.00.

Compared To Late Last Week:

Fresh Pork Loins 14-22 lbs. $1.00-2.00 higher; 22*up lbs. steady; Picnics $1.00-7.00 lower; Boston Butts $7.50 lower; Skd Hams steady to $5.00 lower; Sdls Bellie steady to $2.50 higher. Gross cutout value for No. 1 175 lb. hog carcass $1.50 lower.

Farmers Livestock Auction

Duncansville, Pa.
January 6, 1986
Report Supplied by PDA

CATTLE 242. Choice 61.00-63.75, Choice 59.00-60.75, High Good & Low Ch. 53.10-58.25, Good 46.00-51.75, Good & Choice holsteins 47.50-52.00, Standard 43.00-46.75, Utility 39.50-42.50. Choice sl. heifers 58.75-61.25, Good 52.00-56.50, Standard 46.25-51.00, Utility 41.00-45.00. Breaking Ut. & Commercial sl. cows 38.25-40.75, Cutter & Boning Ut. 35.00-37.75, Canner & Low Cutter 30.75-34.25, Shells down to 21.00. Choice sl. bullocks 49.00-53.00, Good 45.25-48.75, Standard 41.25-44.50, Utility 38.00-40.50.

FEEDER CATTLE: Steers Good 48.25-52.00, Standard 41.00-46.50, Heifers Good 46.00-51.00, Standard 38.00-44.00, Bulls Good 48.00-52.00, Standard 42.00-45.50.

CALVES 312. Choice 74.00-82.00, Good 68.00-73.00, Standard 59.00-66.00, Standard & Good 90 lb. to 130 lb. 42.00-48.00, Utility 60-80 lbs. 36.00-40.50.

FARM CALVES: Holstein bulls 90-130 lbs. 78.00-99.00, Holstein heifers 95-130 lbs. 49.00-61.00.

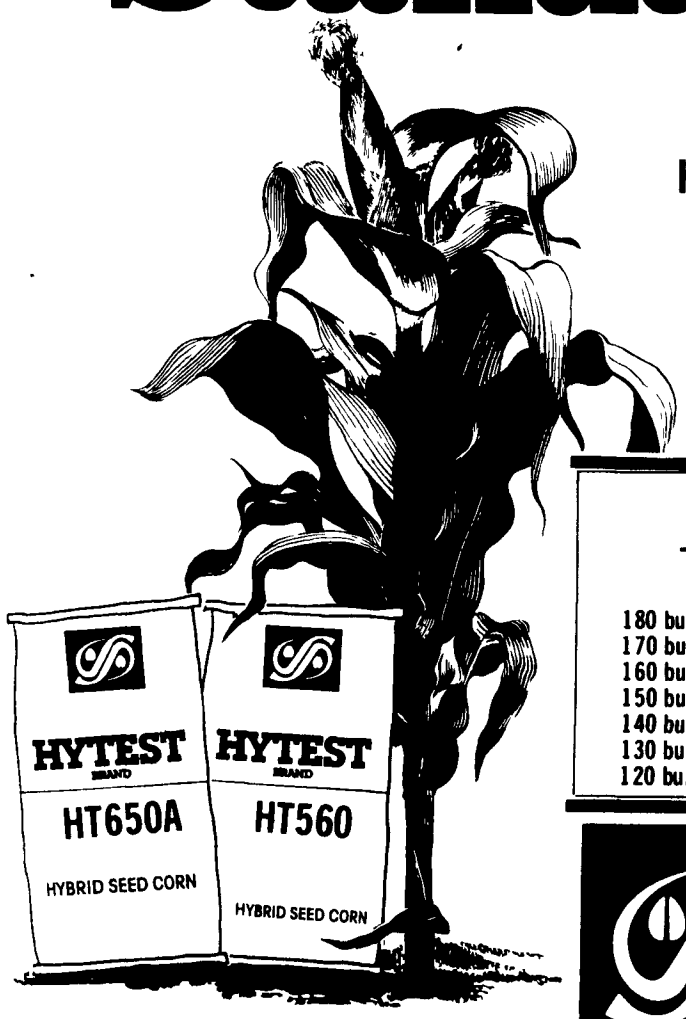
HOGS 79. US No. 1-2 210-240 lbs. barrows and gilts 46.50-47.25, No. 1-3 200-240 lbs. 45.00-46.25. US No. 1-3 350-600 lbs. sows 39.25-41.00, No. 2-3 350-600 lbs. 37.00-39.00. Boars 27.00-29.25, Light weights 29.50-31.00.

FEEDER PIGS NONE.

SHEEP 16. High Ch. & Pr. 90-100 lbs. 62.00-70.00, Good 60 lbs. at 64.00. Slaughter ewes NONE. Goats $16.00-$24.00 per head.

HT650A & HT560

Outstanding Yield and Standability.



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Livestock market and auction news

Central U.S. Carlot

Beef Report
Wednesday, Jan. 8
Report supplied by USDA

Central U.S. Carlot Beef Report Includes The Major Production Areas In The Midwest, Texas, And Oklahoma. As Of 4:00 P.M.

Compared to Wednesday's 4:00 P.M. report: Steer carcasses steady; Heifers steady to $1.00 lower, decline on heavy choice. Demand and movement good at current price levels on moderate supplies with bulk of sales early. Consecutive days of declining prices.

The gross boxed beef carcass cutout value declined $.07 to an estimated $98.08 per cwt, 295 loads boxed cuts reported.

Sales reported on 54 loads of steer and heifer carcasses.

Steer Beef
7½ Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 92.00.
Choice 4 600-900 lbs. 84.00.
Good 2-3 600-900 lbs. 88.00.

Heifer Beef
46½ Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 89.00.
Choice 3 500-550 lbs. 87.00.
Choice 3 400-500 lbs. 85.00.
Choice 4 500-700 lbs. 84.00.
Good 2-3 550-700 lbs. 85.00.

Steer and Heifer
Primal Cuts
3 Loads

Arm Chucks 75-120 lbs. 78.00.

Cow Carcasses:
4 loads

Midwest: Thin test generally steady.

Sales in the Midwest Production Area:

Omaha Basis

Bng Utility 1-3 400/up lbs. 61.00-62.00.

Cutter 1-2 350/up lbs. 68.00.

Boneless Processing Beef
Beef Trimmings
14 loads
Omaha Basis

50% Chem Lean Fresh 42.00-43.00 bulk 42.00.

Compared To Last Friday: Choice 3 steer carcasses $5.00 lower, heavy choice 3 heifers $5.00-6.00 lower, light choice 3 $2.00-3.00 lower, choice 4 $3.00 lower. Good steers $4.00 lower, good heifers $5.00 lower. Boxed beef carcass cutout value declined $2.93 per cwt.

Cow carcasses weak to $2.00 lower than last week.

Dewart Livestock

Dewart, Pa.
Monday, January 6
Report Supplied by PDA

CATTLE 236. Few Choice slaughter steers 1055-1290 lbs. 60-61.60, Good 52.25-59.50, one at 60.00, few Standard 45.00-52, Good & Choice 1145-1465 lbs. holsteins 45.00-52, few Standard 41-46.75; Utility & Low Standard 37-42.50. Choice 1135-1545 lbs. heifers 55.00-59, few Good 50.00-53, few Standard 45-50.50, Utility & Low Standard 35-38.85, few 42.75. Breaking Utility & Commercial slaughter cows 36.50-38, few 39.25, Cutter & Boning Utility 32.75-36.75, few 37.50, Canner & Low Cutter 28.00-33, Shells down to 25, few to 20.00. Few Standard slaughter bullocks 39.50-45.50, two Utility 36.50-38.85. Few Yield Grade No. 1 1390-1885 lbs. slaughter bulls 46.75-49, two #2 1210&1520 lbs. 43.25&46.75. FEEDER CATTLE: Few Medium Frame #1 4-755 lbs. steers 45.00-51.00.

CALVES 237. One High Choice vealer at 104.00, few Choice 93.00-96, few Good 70.00-86, few Standard & Good 100-110 lbs. 44-57.50, 85-100 lbs. 42.00-46, 65-80 lbs. 36.00-43, Utility 55-75 lbs. 27.00-37, few 75-115 lbs. 35.00-39. FARM CALVES: Holstein Bulls 90-100 lbs. 61.00-82, 100-135 lbs. 82.00-105, one 107.00; few Hol. Heifers 100-115 lbs. 47.00-70.00.

HOGS 111. Two Lots US No. 1-2 205-255 lbs. barrows and gilts 45.35-47, one lot No. 1-3 220 lbs. at 45.35, few No. 2-3 220-245 lbs. at 45.00, few No. 2-3 215-230 lbs. 42.50-44.85, few 3-4 290-350 lbs. 41-41.25, No. 1-3 160-190 lbs. 40.25-45, few 43.80. US No. 1-3 450-580 lbs. sows 35.00-37, No. 2-3 360-700 lbs. 30-35.50, few Medium 210-245 lbs. 18.00-25.25. Few Boars 28.00-30, light weights 33.00-37.00.

FEEDER PIGS 167. US No. 1-2 30-35 lbs. feeder pigs 30.50-34, few 1-3 15-20 lbs. 17.00-20, 20-35 lbs. 22.00-28, 35-55 lbs. 29.50-42, few Utility 10-20 lbs. 14.00-17.50 - all per head.

SHEEP 12. Choice 105-115 lbs. wooled slaughter lambs at 70.00. GOATS 1: at 33.00 per head.

New Wilmington Livestock

New Wilmington, Pa.
January 6, 1986
Report supplied by PDA

CATTLE 215. Compared with last week's market, slaughter cows mostly 1.00 lower. One Choice slaughter steer 57.25, Good 53.00-56.00, Standard 47.00-52.25, Utility 38.00-45.75. Few Standard slaughter heifers 42.00-49.00, Few Utility 38.00-40.50. Breaking Utility & Commercial slaughter cows 36.00-39.00, Couple 41.00 & 41.50, Cutter & Boning Utility 32.50-36.50, Canner & Low Cutter 23.00-33.00, Shells down to 20.00. Few Utility slaughter bullocks 38.00-42.50. Yield Grade No. 1 1250-2075 lbs. slaughter bulls, 42.00-45.50, few Yield Grade No. 2 1055-1205 lbs. 38.00-42.00.

FEEDER CATTLE: Steers Medium & Large Frame #2 390-600 lbs. 40.00-46.00; Few Heifers Medium & Large Frame #1 380-500 lbs. 42.50-46.00, Few Medium #2 370-735 lbs. 32.00-40.00; Few Bulls Medium & Large #2 575-735 lbs. 35.00-36.00.

CALVES 301: Few Choice vealers 85.00-93.00, one 97.00, Good 70.00-85.00, 125-145 lbs. 60.00-70.00, Standard & Good 90-125 lbs. 35.00-42.50, 65-85 lbs. 23.00-37.50, Utility 50-110 lbs. 15.00-23.00. FARM CALVES: Holstein Bulls 95-135 lbs. 55.00-82.50, One lot 90 lbs. 48.00. Holstein Heifers 100-125 lbs. 40.00-56.00.

HOGS 416: Barrows and gilts .50-1.00 lower. US No. 1-2 220-245 lbs. barrows and gilts 45.50-46.00, Few 46.50-46.85, No. 2-3 210-260 lbs. 44.35-45.60, No. 2-4 220-265 lbs. 43.00-44.10, No. 1-3 140-185 lbs. 34.00-39.50. Sows - 2.00-5.00 higher. US No. 1-3 290-660 lbs. sows 37.00-45.50, Few No. 2-3 430-635 lbs. 34.00-36.50. Boars 25.00-27.00.

FEEDER PIGS 66: US No. 1-3 25-35 lbs. feeder pigs 18.00-24.00 per head.

SHEEP 77: Choice & Prime wooled slaughter lambs 85-110 lbs. 58.00-70.00, Couple at 55.00, Good & Choice 60-85 lbs. 70.00-76.00. Slaughter ewes 5.00-19.00.

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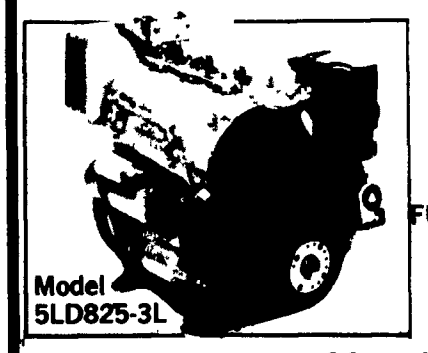
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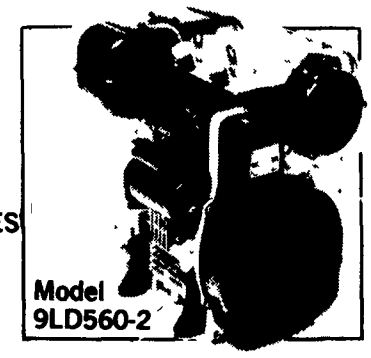
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DEALER INQUIRIES INVITED

Livestock market and auction news

Chambersburg Livestock

Chambersburg, Pa.
Thursday, January 9
Report supplied by PDA

CATTLE: 377. Cows uneven mostly steady to .50 lower; few Choice 1000-1300 lb. 56.50-59.50; few Good 50.00-55.75; Standard 42.00-50.00; few Choice heifers 50.50-54.00; few Standard 41.50-43.00; Cows Breaking Utility & Commercial 35.50-39.00; Cutter & Boning 33.60-36.60; Canner & Cutter 30.35-33.85; shells down 25.00; few Standard bullocks 43.00-44.75; few YG No. 1, bulls 1400-2100 lb. 44.60-47.50; few No. 2, 1050-1485 lb. 40.35-40.60.

FEEDER CATTLE: Steers few Med. No. 1, 450-510 lb. 51.00-51.50; few Large No. 2, 500-800 lb. 35.00-41.50.

CALVES: 453. Vealers Grading Standard & Low Good .50-1.50 higher; Choice 84.00-89.000; few Good 60.00-78.00; 110-120 lb. 48.00-50.00; 90-110 lb. 44.00-48.00; 70-85 lb. 38.00-45.50; holstein bulls 100-130 lb. 48.00-104.00; 95-100 lb. 55.00-80.00; 90-95 lb. 45.00-53.00.

HOGS: 59. US No. 2-3, few 225-230 lb. 45.00-45.75; few No. 2-4, 255-270 lb. 40.75-41.00; sows US No. 1-3, 300-520 lb. 34.50-38.50.

FEEDER PIGS: 30. Few No. 1-3, 150 lb. 47.00 per hundred weight.

SHEEP: 5. Choice 70-85 lb. wooled lambs 69.00-75.00.

GOATS: 3. Few kids 22.00-26.00 per head.

Indiana Livestock

Homer City, Pa.
Thursday, January 9
Report supplied by PDA

CATTLE: 212. Cows 1.00-1.50 lower; few Choice steers 59.00-63.50; Good 54.00-58.00; Standard 45.75-54.25; Choice heifers 57.00-59.50; Good 50.25-55.50; Standard 42.50-48.00; Breaking Utility & Commercial cows 34.50-38.00; Cutter & Boning 32.00-35.25; Canner & Cutter 27.00-32.50; shells down to 19.00; YG No. 1 bulls 1100-1950 lb. 42.00-46.00; few No. 2, 950-1400 lb. 38.00-41.00.

FEEDER CATTLE: Steers Med. No. 1, 425-560 lb. 47.00-56.50; heifers Med. No. 1, 325-500 lb. 41.00-48.00.

CALVES: 166. About steady; Good vealers 66.00-77.00; few Standard 54.00-60.50; 90-120 lb. 41.00-50.00; 60-85 lb. 38.00-43.00; holstein buls 90-125 lb. 61.00-78.00.

HOGS: 211. .50 to 1.00 lower; No. 1-2, 210-250 lb. 46.70-47.50; No. 2-3, 205-255 lb. 45.50-46.80; few No. 2-4, 200-260 lb. 44.00-45.25; sows No. 1-3, 300-550 lb. 40.00-42.00; No. 2-3, 325-600 lb. 35.00-39.00.

FEEDER PIGS: 58. 35-45 lb. 16.00-18.00; 50-65 lb. 18.00-24.00 per head.

SHEEP: 18. Few Good wooled lambs 55 lb. 58.50; sl. sheep 18.00-22.00.

GOATS: 7. 18.00-37.00 per head.

St. Louis Feeder Cattle

Thursday, January 9
Report supplied by USDA

FEEDERS: Receipts around 1400.

Feeder Steers 1.00-2.00 lower. Feeder Heifers weak to 1.00 lower, instances 2.00 lower on a limited comparison with holiday weeks. Quality and condition improved, but fleshy offerings continue under pressure. Increased percentage of thin large frame cattle.

FEEDER STEERS: Medium and Large frame 1: 300-500 lbs. 63.00-67.00, package thin gaunt cross breds 70.50 and 74.75; 500-600 lbs. 60.00-66.00, fleshy 58.00-63.00; 600-700 lbs. 55.00-60.25; 700-1,000 lbs. 52.25-58.50. Mixed Medium and Small Frame 1: 300-600 lbs. 55.00-59.50.

FEEDER BULLS: Medium frame 1: 450-650 lbs. 52.50-55.75. Large Frame 2 Holsteins: 600-1100 lbs. 39.00-44.50.

FEEDER HEIFERS: Medium and large frame 1: 300-500 lbs. 53.75-58.00, package thin cross breds 60.00, flehsy 50.00-54.00; 500-900 lbs. 52.00-56.50, fleshy 48.00-52.50. Mixed Medium and Small Frame 1: 300-600 lbs. 46.75-50.50. Small Frame 1: 300-500 lbs. 42.00-46.50.

Pennsylvania Tobacco

Intercourse, PA
Friday, Jan. 3

Total Volume 146,357 lbs.; Average Overall $1.21/lb.; Top Grades $1.25-$1.50/lb.; Out Grade $.50-$1.15/lb.

Wednesday, Jan. 8

Total Volume 216,348 lbs.; Average Overall $1.22/lb.; Top Grades $1.25-$1.30; Out Grade $.50-$1.06.

Joliet Cattle

Thursday, Jan. 9
Report Supplied by USDA

Sales this week about 1,400; sales last week 969; same period a year ago 1,959. trading moderate for the week. Slaughter steers and heifers ended the week mostly 2.00 lower.

SLAUGHTER STEERS: Choice few loads carrying a prime end 2-4 1100-1400# 61.00-63.50, load 63.75, load 64.00 Monday; 60.00-62.00 Wednesday. Mixed good and choice 2-3 1050-1250# 59.00-61.00 Monday; 58.00-60.00 Wednesday.

SLAUGHTER HEIFERS: Choice 2-4 950-1100# 59.50-61.25 Monday; 58.00-59.50 Wednesday. Mixed good and choice 2-3 900-1050# 56.00-59.00.

Frederick Co. Hay & Straw

Buckeystown, Md.
Thursday, Jan. 9
Report supplied by auction

68 loads. Steady on all grades of Hay; steady to 10.00 lower on Straw.

Alfalfa, 12 loads fair to good, 80.00-99.00, 12 fair some damaged, 62.00-79.00; Timothy, 9 fair to good, 75.00-90.00; 3 fair some damaged, 65.00-70.00.

Mixed Hay, 7 fair some dark, 54.00-88.00; Grass Hay, 69.00 and 70.00; Clover Hay, 3 loads, 69.00-77.00.

Straw, 7 fair to good at 75.00-81.00, 4 fair at 65.00-70.00; Corn Fodder, 19.00 ea. big bale; Firewood, 4 good hardwood, 68.00-84.00 cord, 3 mixed wood, 50.00-65.00.

Alfalfa growers demand the best.

Alfalfa growers expect the most from their alfalfa variety. Like the highest yield, the best quality and multiple pest resistance. That's why more and more growers are planting Cimarron Alfalfa.

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Cimarron

"Our Cimarron gets off to a fast start and that's why I think it yields like it does We cut every 35 to 40 days which gave us 4 cuttings this year We could have cut a fifth time but we didn't need the feed because our first four cuttings of Cimarron yielded so well "

That's Mike Mowrer of Mowrer Farms Spring City Pa talking Mowrer Farms is a top notch Chester County Dairy Operation

Mike comments further about his experiences "Cimarron has a high percentage of leaves and is a finer stemmed variety for us But the big reason we plant Cimarron is high alfalfa yields "

Look for Mowrer Farms and other top alfalfa growers' Cimarron yields in the Pa Alfalfa Growers Program Results to be released soon

Fred Mohr of F.M. Brown's Inc looks over Mowrer Farms Cimarron Haylage with Mike Mowrer.

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DEALER & CONTRACTOR INQUIRIES WELCOME

Dairy Board set to launch women's 'fashion' campaign

BY JAMES H. EVERHART

HARRISBURG — The health approach, and the fear of osteoporosis may encourage a lot of women to drink milk.

But the Pennsylvania Dairy Promotion Program is banking on the assumption that even more women will drink milk if they think it's "fashionable."

The advisory board of the PDPP Wednesday gave tentative approval to a new "fashionable woman" campaign drafted by the program's advertising agency, HBM-Creamer of Pittsburgh.

And though some members quarreled with elements of the campaign — including the presence of models in swimming suits and mink coats — the overall concept received the board's endorsement.

Each of the scenes in the new 30-second television commercial spot reviewed by the board would show women drinking milk. And the women protrayed would be "fashionable" individuals that most women would view as role models.

They would range in age from healthy, active 17- to 21-year-old, to the gray-haired, dignified, "classy" woman in her 40s or 50s.

Situations would include both leisure, social and business occasions, agency personnel said, and the entire spot would occur against an "upbeat" musical score, in tune with other "Make it Milk" campaigns.

The agency will attempt to have the commercial finalized before the board's next meeting in February.

In other action, the board gave preliminary approval to a $32,000 expenditure for a "Make it Milk" Day, June 1, at a Pittsburgh Pirates baseball game.

The event, a Sunday that kicks off Dairy Month, would include a premium giveaway — 10,000 portable AM radios that could be given to children under 12 or any other group the PDPP might want to designate.

Board members raised several points about serving milk at the game, and the team representative promised to present the issue again to the stadium vendor, ARA Services. But she added that previous attempts to pressure the vendor in behalf of milk have not been successful.

The board asked HBM-Creamer to determine the value of the media exposure it would obtain by promoting the game. A more formal report was promised for the board's February meeting, when the full details of the game promotion would be presented for final action by the board.

The ad agency also presented an evaluation of the recent recipe contest. Although the number of entries was lower than anticipated, the cost of the project, at $42,000, was less than was expected.

More than 120 newspapers and broadcast outlets used information on the contest, the agency said. And the value of the media exposure received, if purchased at prevailing rates, would be $67,000.

In addition, the recipes obtained in the contest have been developed into a recipe book which the program is now offering to promote dairy sales. Request for the booklet have exceeded expectations.

The advisory board also approved a media schedule, outlining the agency's plans for placing ads throughout the year. The schedule, it was noted, would distribute ads evenly throughout the year, to help the board maintain a constant presence in the consumer's awareness.

Meanwhile, in an abbreviated appearance following lunch, Agriculture Secretary Richard E. Grubb noted that he has several reservations about the proposed revisions in legislation defining commodity groups like the PDPP.

He noted that, under his interpretation of the bill, the department would no longer be permitted to offer promotion groups free staff time and clerical services, which last year amounted to an estimated $170,000. On the other hand, the groups would be almost wholly independent of the department in decision making.

The Pittsburgh "Parrot" fits Board member Mary Burkholder with a Pirates' hat during an eventful visit to the Pennsylvania Dairy Promotion Advisory Board's meeting Wednesday in Harrisburg.

Grubb also said the changes were so significant that he was not sure the federal government would consider a dairy board under the new bill to be a continuation of the PDPP, or a new program altogether.

He also said he felt the bill would be a setback for commodity groups which have a smaller budget than the PDPP. Such groups he said, would be "put out of business" by the legislation.

Nutrition meeting

LANCASTER — The January meeting of the Veterinary Nutrition Forum will be held on Friday, January 24, 1986, at Groff's Farm Restaurant (see attached directions).

Cocktails will be served at 6:30 p.m., in the "shed" adjacent to the Farm, compliments of Ingredient Resources.

Dinner will be served at 7:30 p.m., which will include: Homemade soups or fresh fruit salad, an assortment of fresh vegetables, homemade bread, assorted relishes, ham, Chicken Stoltzfus, cracker pudding, chocolate cake, homemade pies with ice cream, and coffee, tea or milk.

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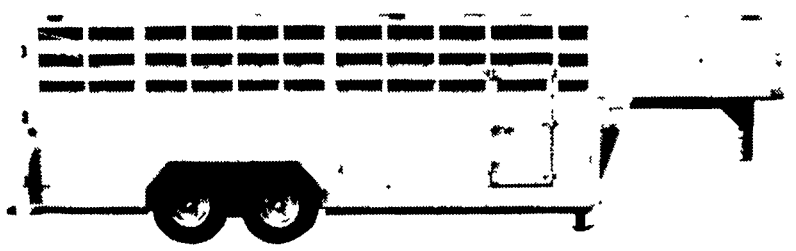

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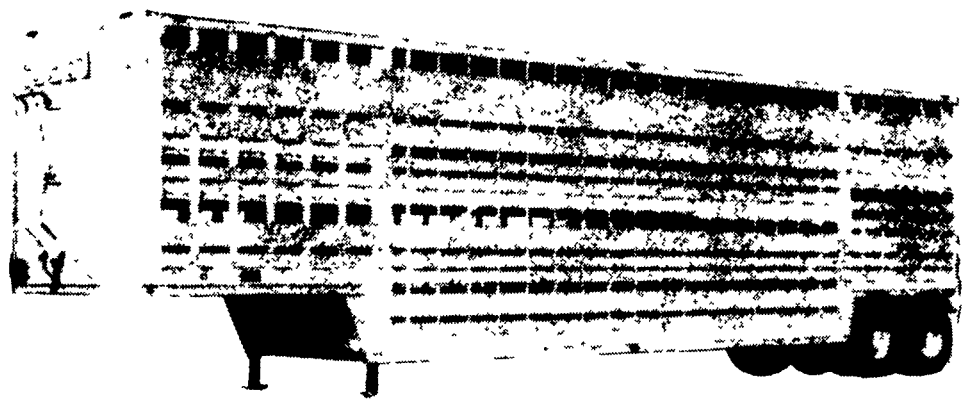

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Farm Show opens Sunday

(Continued from Page A1)

arena.

Visitors will be treated to over 250 commercial exhibits and various food booths. In addition, approximately 8,000 individual entries of farm and home products will be proudly displayed.

The Food Marketplace, featuring 25 Pennsylvania food processors and retailers, will return for the fifth consecutive year. Food commodity booths, boasting high-quality Pennsylvania farm products, will be the focus of the Pennsylvania Food Center along the east wall of the main exhibit hall.

Visitors will also be treated to a full slate of livestock shows. Sheep exhibitors will be in the small arena on Sunday and the show will continue with the Corriedale and Rambouillet breeds Monday evening and junior shows on Wednesday. The draft horse show is scheduled for Monday.

Dairy shows will start Tuesday at 8 a.m. and continue throughout the day, while beef cattle shows will dominate Wednesday's show schedule and continue into Thursday.

The show will climax with the junior steer, market lamb and market swine sales on Friday.

Other special events scheduled for the busy week include Secretary of Agriculture's Night on Monday, featuring the presentation of several prestigious awards, including the Pennsylvania Farm Family Award, the 70th Farm Show Theme Award and the Pennsylvania Farm-City Award.

At 7 p.m. Jim Shearer of Mountville, Lancaster County, will put his well-trained border collies and sheepdogs through their paces in the large arena. Also on schedule is a horse and pony demonstration presented by the Cumberland County 4-H'ers and a hitched horse competition.

Tuesday is Master Farmers' Night and brings the Daigozivo Dance Group of Harrisburg for a first-year performance. The Pennsylvania Folk Dance Festival, featuring 60 sets of young dancers from throughout the state will kick up its heels in the large arena Tuesday evening.

Meanwhile, in the small arena, sheep enthusiasts will match their skills in the Junior Sheep Blocking and Grooming Contest which gets underway at 7 p.m.

Another of the show's highlights is the championship Horse Pulling Contest Wednesday evening at 4:30 in the large arena.

Contestants square off at 6 p.m. in the Pennsylvania Sheep to Shawl Contest in the small arena. Auction of the shawls follows the Wednesday contest.

Thursday, the final evening during the show, features the State Championship Pony Pulling Contest, set for 6 p.m. in the large arena.

A number of agricultural organizations will also meet during the week, including the Future Farmers of America who will recognize the Keystone Farmers during their Mid-Winter Convention Wednesday.

The Keystone is the highest degree awarded at the state level and goes to chapter members who have shown outstanding achievements and proficiency in their projects, leadership, competition and other aspects of the FFA program.

For a preview of many of the FFA'ers who will receive their degrees this week, turn to page D2. Lancaster Farming applauds these outstanding students for their achievements.

This week's issue of Lancaster Farming also includes a complete schedule of events (page D17) and a map (page D17) to help you find your way around Farm Show. A complete list of exhibitors can be found on page D23.

Block resigns as USDA head

WASHINGTON — The year-long battles over the 1985 Farm Bill behind him, USDA Secretary John Block this week announced his resignation, effective within the next few weeks.

President Reagan accepted the resignation with regret and commended Block for his service in advancing the administration's farm policy stance.

Block did not indicate what his future plans are, but said he was reviewing several different options. No successor has been named.

Reducing drift

Spraying pesticides can present problems if the spray drifts onto a neighbor's property. To prevent this, avoid spraying when it is windy, says Tom Williams, University of Delaware extension agricultural engineer.

"But," he adds, "while it may not be practical to eliminate spray drift entirely, the operator can reduce two-thirds of the drift by careful equipment selection and operation. Keep both the operating pressure and the boom low."

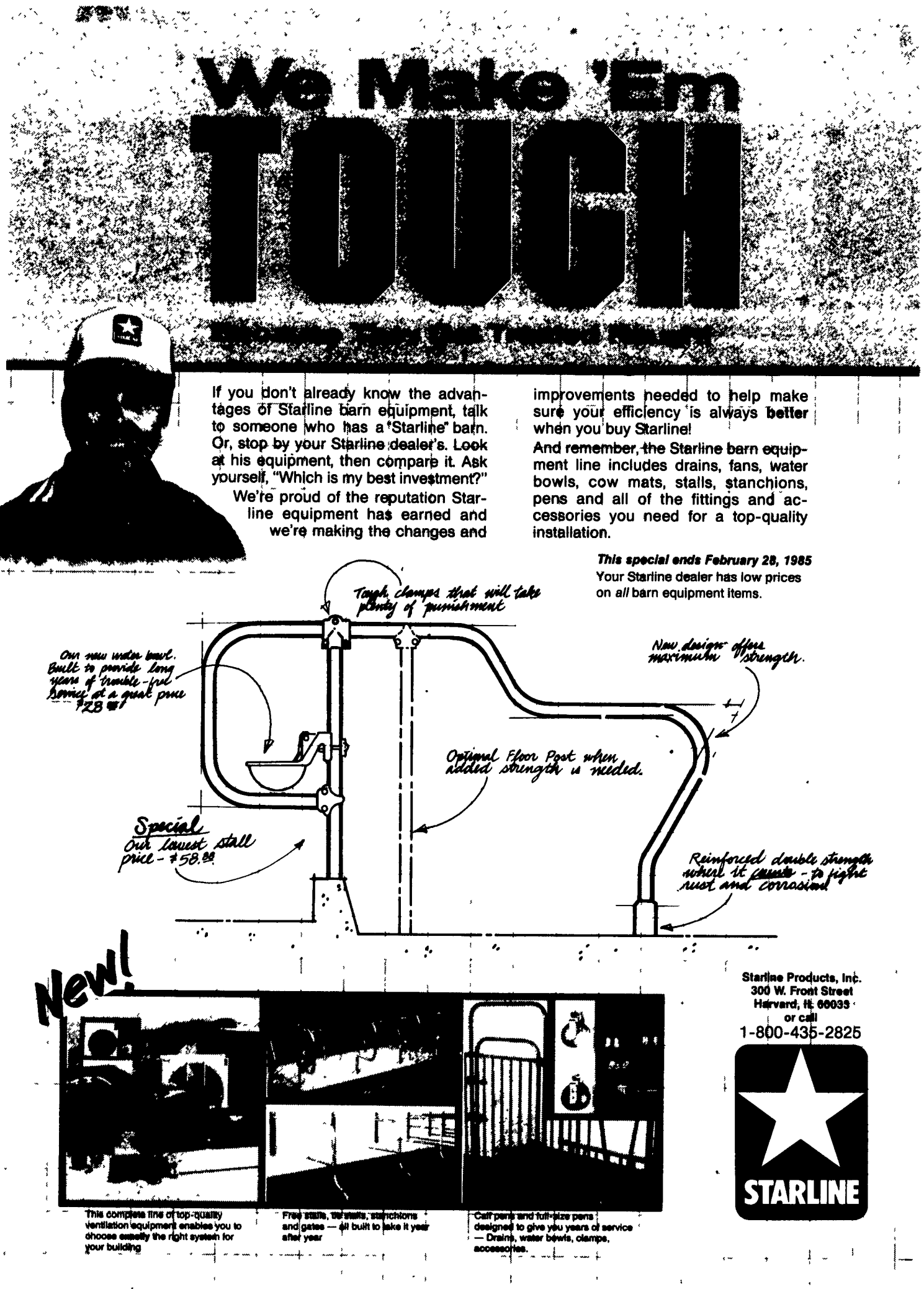
Low operating pressure produces larger spray droplets. Although small droplets provide better target coverage, the smaller the droplet the greater the risk of drifting. Spray droplet diameters may range from 5 microns (the size of seafog droplets) to 1,000 microns (raindrops range from 500-1,000 microns). While an aerosol droplet of 5-micron diameter released 10 feet above the ground in a wind of only 3 mph can drift two miles off target, a 50-micron drop drifts only 150 feet off target under the same conditions.

In selecting droplet size, Williams says to balance coverage with drift potential. Although no sprayer nozzle produces droplets all of one size, using low pressure and nozzles with large holes forms more large droplets than small ones. Drops become smaller as pressure increases.

Keeping pressure too low, however, distorts the pattern and gives uneven coverage. Williams recommends operating flooding fan tips at pressures of 10 to 25 psi, flat fan nozzles at 25 to 40 psi, and low pressure flat fans at 15 psi.

Studies show that spray boom height is also a major factor in downwind drift. Williams advises lowering booms and using closer nozzle spacings and wider nozzle spray angles. A new mechanical shield for flat fan nozzles reduces drift at sprayer and wind speeds above 5 mph by increasing downward air velocity around the nozzles to better direct the spray toward the target.

"Remember the winds, though, "urges the specialist. "Drift is 70 percent greater in 12 mph winds than in 3.[illegible] mph winds. So when it's very windy, don't spray."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Ag Secretary Grubb talks about boosting ag sales...

BY JAMES H. EVERHART

HARRISBURG – Appointed in June and confirmed over some opposition in October, Dr. Richard E. Grubb is starting to make his mark on Pennsylvania agriculture.

Following the lead of his boss, Governor Dick Thornburgh, Grubb has talked in recent weeks about the need to expand the opportunities for farmers to sell food products, by attracting new food-processing industries to Pennsylvania.

He agreed to talk about these plans in an interview with Lancaster Farming. Following are the highlights of that interview:

Lancaster Farming: Both you and the governor have talked about incentives to increase the markets available to farmers in Pennsylvania. Can you tell us a little more about these plans?

Let me start in the whole area of economic development and marketing. We do have programs in the department in these areas so we're not talking about starting new programs. We're talking about working with our existing programs. There are several aspects of economic development.

Within Pennsylvania we are looking at trying to increase the information assistance that we give to food processing industries, and related agri businesses in getting them to locate here in Pennsylvania.

For example, we have a lot of data bases which indicate where the product is being produced, where site locations are available, and information about the Commonwealth from a business standpoint. A lot of this is with the Department of Commerce.

So we are really talking about sitting down with the Department of Commerce and coordinating and working more closely with them in trying to attract food industries into the Commonwealth.

It will basically be through data support, counseling, and trying to sell Pennsylvania based upon what we have here–farm production, business climate, getting additional agricultural industries to locate here which would again give to our farmers and our producers ready markets.

The population is adjacent to Pennsylvania, we start at Washington and go right up the eastern seaboard to Boston. Our markets are here. We should be competitive in terms of transportation.

The second aspect has to do with increasing our emphasis in export. We do have an export division. We're working with Pennsylvania-based producers and food processing industries in encouraging marketing. To have agricultural expertise overseas working out of those offices.

Here at home it would mean taking the data that we have here in the department and trying to make that available in all 67 counties. We know our agricultural information and marketing system which we are a part of here. We know what countries are looking for what food products, using computerization, electronic data transfer.

So it's out there where the producers and food processors, and cooperatives have immediate local access. We would be talking about the whole concept of export trade companies in Pennsylvania and getting them more involved.

Also working with export-import banks in terms of setting up credits for foreign organizations.

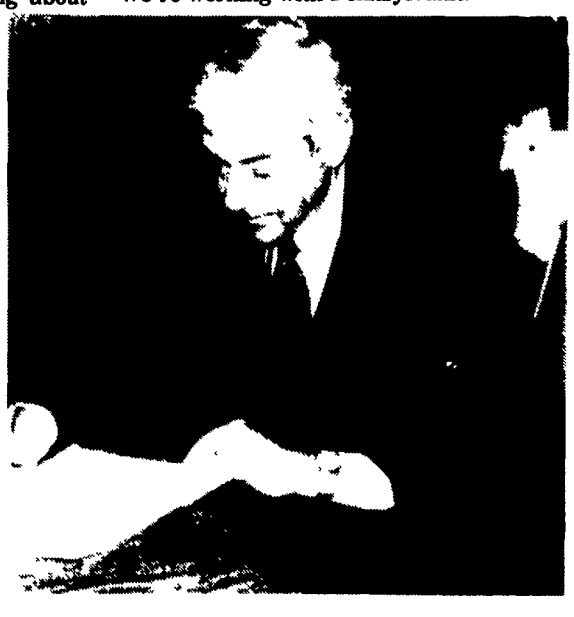
We do generic marketing now through our local program where Keystone Pride–We're growing better. We have over 200 Pennsylvania-based farms who promote and sell under our local program.

I think we have over 2,000 retail outlets who are handling Pennsylvania products. I think we need to do some consumer market research. Where can we get the most for our dollar? Working with our commodity groups in terms of cooperative efforts in helping to promote individual commodities, large milk marketing program, which is a total producer funded.

Here again, it's increased emphasis on what is already underway within the department.

LF: Has the marketing identified any specific commodities or

(Turn to Page A21)



Dr. Richard Grubb, Pennsylvania Secretary of Agriculture, during his in terview with Lancaster Farming editor James Everhart.

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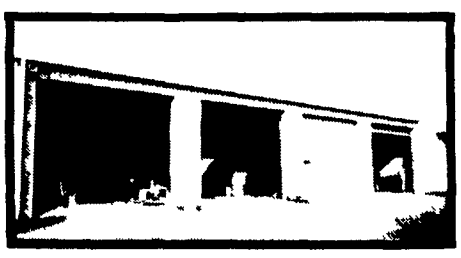

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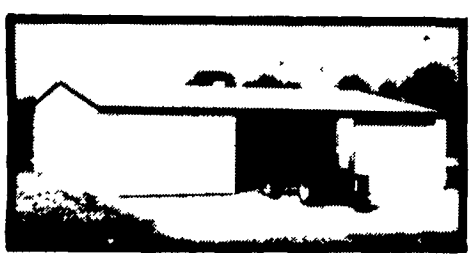

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...with promotions, exports, and market based policies

(Continued from Page A20)

product areas that you could mention?

Not yet, but I think what we need to do is take a look at the production that we have here in Pennsylvania. We have to identify the products we are producing in Pennsylvania.

LF: What kind of time table are you looking at?

I hope to have this new program up and running by the new fiscal year, which is June. That doesn't mean it's all going to be accomplished. But we're putting in place a program that will operate for many, many years.

LF: What's your reaction to attempts by producer groups to take over closed processing plants, like the efforts of the Pennsylvania Farmer's Association's PACMA organization with Clover Packing and Shamokin Packing?

I think this type of initiative is what we need in Pennsylvania. Cooperatives to provide outlets for the farmers and come up with a product that is ready for the market. I think it's excellent. Where we have the supplies, why don't we do the processing?

I think there is a potential here for cooperative type activities. You've got to look at that private industry. And if there is a void in that private industry then is there an opportunity for farmers to meet that need through a cooperative venture.

LF: Do you feel producers are sufficiently knowledgable to direct their own marketing efforts?

I'll use the dairy promotion board as an example. Very knowledgeable industry. They work with a professional agency under contract. That agency takes its leads and its direction from the dairy promotion board. The agency comes in and presents proposals, suggestions. Then the board reacts and modifies. I think their producers are very knowledgeable. They know their existing markets and their existing products.

LF: Where else do you see some potential for commodity groups to be more aggressive in their own promotion?

The Egg Market. A public order has just been published where public hearings on a mandatory national marketing of eggs. This is one area. We do some work in marketing PA eggs. We are a large egg producing state.

I know the mushroom industry is interested in working with us. The PA bakers association has expressed interest in working with us. These are ones that come to mind that we've had conversations with recently.

The apple industry is another.

LF: Can you tell us any specific plans you have to increase exports of Pennsylvania agricultural products?

Exports have declined in Pennsylvania. However, in the value-added category, they increased 25% in 1982-1984. This includes food processing, forrestry industry, livestock and by products such as hogs. On the other hand, during the same 2-year period we lost over $100 million in bulk commodities, corn and soybeans for example.

While we lost $100 million in bulk we gained roughly $100 million in the high value type of commodity.

Really that's where a lot of our strength is. We have some of the best hardwoods in the country. There is a demand for high quality red oaks and this type of lumber.

Because of Pennsylvania's diversity we are not totally dependent upon the bulks, wheat, corn, and soybean. I think the great potential immediately for Pennsylvania is in the food processing, forest industry, and by products of livestock.

The value of the American dollar increased greatly, and thus, we lost our competitive position. That's why it's important for us to get a balanced budget. Secondly, a lot of countries in the past 5-10 years have emphasized agriculture as a priority. Countries that formerly imported our wheat now are self-sufficient and are indeed out competing with us in the world market. Many of these countries have government subsidies. The world market has changed.

LF: Are there are other major programs you hope to address during your remaining year in office?

The other major initiatve that the Governor did talk about was in animal and poultry health. We are going to start out by taking a look at the legislation and regulations that govern the health programs conducted by the department. They're 50 years old and don't reflect the health problems that industry faces today. We have to take a look at what is the mission of the Department of Agriculture. What are the problems that our PA livestock and poultry producers are facing. Are we doing our jobs in terms of surveilance, diognostic work and the whole area of research? What is the level of research? Is it adequate? We'll be putting together an advisory group to work with the department as we look at these rules, regulations, and our mission.

LF: What direction do you think national farm policy should take in the future?

Our programs have got to be geared towards getting some sort of equal agreement in supply and demand.

They've got to be geared towards getting the federal government out of agriculture in terms of mandatory controls, purchases, cause too much we're producing for an artificial market.

We've got to eventually get to an economic system whereby we are producing to meet the needs of a market. A market which we are encouraging, which we are creating.

We have been very good in terms of production. Our farmers are the most cost efficient, productive, business people in the world. But we did not really pay attention to the market system.

Then the government got into it. We've got to eventually get the government backed out and let product markets be the free enterprise that they should be and that they are.

LF: Generally, what's the financial situation for the average Pennsylvania farmer? Are a lot of our farmers going to go out of business over the next few years, as national surveys would suggest?

I feel we're going to lose less than a lot of our sister states. For a variety of reasons.

Our farmers are not as deep in dept as our national average is much lower. That's good for the financial health of Pennsylvania farmers.

On the average we are a family farm state. That means generally we are not as dependent upon paying labor costs.

We are extremely diverse agriculturally. So we are not totally dependent on the large feed grain crop. Our farmers have the flexibility to adjust their production to meet merging market needs.

Again we have a competitive advantage because of our location; we're close to the population centers. We can get our products to market with lower transportation costs.

Pennsylvania also is an excellent state in soil and climate.

Pennsylvania farmers really have a lot going for them.

What most people don't realize is that even in the golden age of agriculture we had farmers going belly-up.

We have people go into all sorts of businesses that are not good business managers and they go belly-up.

You'll always have people going into any business who don't know how to manage it then some years later they're bankrupt.

We're going to have that. That's the way the free enterprise system works.

We also have efficient operators. They're not going to go belly-up.

I think the number of farmers in Pennsylvania that will be hurt and can't make it is substantially lower for these five or six reasons I mentioned.

You've got to remember one thing, right now we are burdened with surpluses and low prices, and you take food for granted.

All you have to do is shut off the food supply for one day—food is a must and farmers produce the food. There will always be a demand for food. Pennsylvania by its very structure will be competitive.

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Growing number of farmers depend on off-farm income

NEWARK, DE – The American farmer's dependence on off-farm income has increased 42 percent of total income in 1960 to more than 60 percent today, according to University of Delaware extension community resource development specialist Daniel S. Kuennen. Nearly half of all American farm operators report that their primary occupation is something other than farming.

Multi-job careers are no longer new in rural America, the specialist says. Part-time farming is not merely a transitional stage but a fact of life.

The 1982 Agriculture Census reported that 58 percent of Delaware's farm operators considered farming their principal occupation. "What's interesting is that just about 34 percent reportedly worked 200 or more days a year off the farm," says Kuennen.

Most of that off-farm income comes from rural enterprises. "The very economic survival of farm families depends heavily on the vitality of the nonfarm rural economy," he explains.

Furthermore, farm income is volatile–subject to sudden highs and lows. The opportunity for off-farm income helps to stabilize farm family income during difficult times.

Kuennen points out that farm families with annual sales of $40,000 to $100,000 earn 66 percent of their total annual incomes from off-farm sources. Smaller scale operations are even more dependent on off-farm income. According to Kuennen, farm families with less than $40,000 in annual farm sales gain essentially all of their income from sources other than farm production.

"As we go down the scale, farmers with under $20,000 in sales annually are almost always full-time workers somewhere else in the rural economy," the specialist says. Ninety percent of the operators on farms with less than $20,000 in annual sales work 35 or more hours each week off the farm. Seventy percent of their spouses work the same number of hours off the farm.

"In light of this dependence, town and farm cannot go their separate ways," Kuennen cautions. "Encouraging more private sector job opportunities and more attractive rural investment for farmers is an urgent need of rural development planning."

Even as farm employment has been changing, millions of urban Americans have migrated from the cities to the countryside. This move benefits rural communities in many ways, including giving them a larger, broader tax base and increased resources for improving public facilities.

Opinion polls have documented a distinct preference among Americans for a rural lifestyle. Nationally, rural population is also growing at a faster rate than urban population. "Kent County grew 19.9 percent between 1970 and 1980; Sussex County grew 22 percent during that period," Kuennen points out. "At the same time, the state reported an 8.6 percent growth rate and New Castle County a 3.4 percent rate, both well below the rates of the two southern counties."

In recognition of this rural population growth the U.S. Department of Agriculture is fostering closer cooperation between rural communities and the American farm. Secretary of Agriculture John R. Block has said, "The future of farms and the future of rural communities are inextricably linked."

"It's heartening to see many rural communities begin to thrive again after years of decline," Kuennen adds. The resourcefulness of the local rural official, however, has been heavily taxed. He or she faces new challenges as a policy-maker, budget director, transportation manager, environmental expert, law enforcer, social worker, town planner and liaison to other governments and the public.

In many communites all of these duties are performed by someone with a full-time job in the private sector.

Avian Flu

(Continued from Page A1)

is a term commonly applied to broilers raised beyond the normal six-week grow-out period to about seven to 11 weeks.)

"It appears that the flock was infected with a mild form of the virus, but we don't want to take any chances," said Van Buskirk. A 30-day quarantine on the farm would be in force, beginning after depopulation, cleanup and disinfection of the premises had been completed, the bureau chief said.

The bureau's precautionary measures have been extended to include other area flocks as well, Van Buskirk said, noting that all poultry farms in eastern Snyder County have been mapped and blood samples from producers near the infected flock have been obtained. "We should know the status of all flocks within a 7½-mile radius (of the infected flock) by Monday," Van Buskirk said.

The stepped up surveillance measures include assistance from a federal epidemiologist in determining the origin of the virus.

Though flock owners struck with the disease during the early part of the 1983 outbreak did not receive federal or state compensation for their losses, Van Buskirk said that the Snyder County flock would be appraised by PDA and indemnity would be paid to its owner.

Van Buskirk said that the department has alerted the poultry industries of Pennsylvania and neighboring states concerning the outbreak, reminding anyone involved with poultry to observe strict biosecurity measures. "I don't see the likelihood that there will be any area-wide quarantines," he said.

Nor will the department take any action to halt the exhibition of poultry at the Farm Show. "We don't consider it a risk, and therefore we're going to continue with the exhibit," he said.

The H5N2 virus was responsible for unprecedented poultry losses during its 1983-84 sweep through southeastern Pennsylvania and neighboring states. The virus was responsible for the deaths of more than 17 million birds, bringing the total federal cost of the eradication effort to $63 million.

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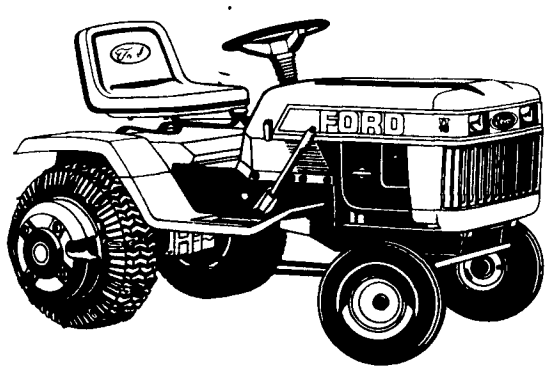

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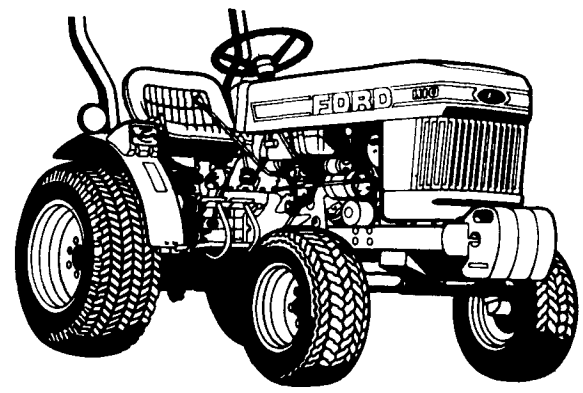

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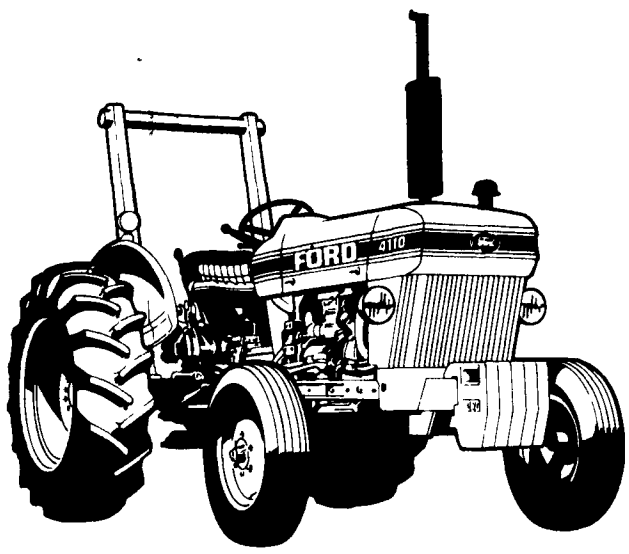

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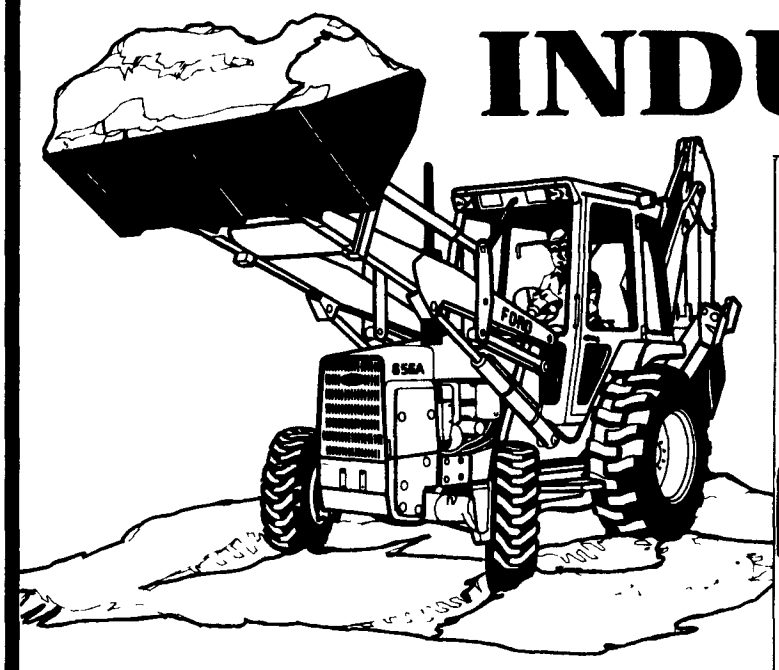

See Allan Herr At The 1986 FARM SHOW

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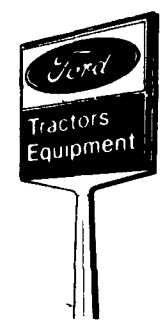

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State's Agribusiness Award winner to be picked tonight

BY JAMES H. EVERHART

HARRISBURG — Tonight, one of six semifinalists will be crowned the state's Agribusiness of the Year, in honor of its participation in the "Pennsylvania Agriculture" logo contest.

The honor, given for the past few years, will be presented at the 1986 Pre-Farm Show Dinner at the Harrisburg Marriot.

All six companies, food processors of various products, have incorporated the "We're Growing Better" or "Keystone Pride" logos into their food packaging. The "growing" logo is for shipments inside the state, while "Keystone" is intended for out-of-state usage.

One of the logos must be incorporated into the firm's label, packaging or shipping carton, or used extensively in their advertising and promotions.

Darrel R. Gibble

In addition, the company had to produce a high-quality product that meets all state and federal regulations. In addition, the processors were required to meet a minimum percentage in the usage of Pennsylvania raw products.

Judges were also allowed to consider the longevity of the company's participation in the logo contest, and the size and breadth of the firm's marketing reach.

The nominees include:

Kutztown Bologna and Country Fresh Foods

Owners Jerry Landuyt and Terry Kieffer have participated in the state's logo program since it originated in 1981.

And, in fact, they've made it a critical part of their marketing effort, using the logo on virtually all their packaging, in some cases, as large as their own.

The two purchased the business in 1979 from Roy S. Burkholder, operating under their present name since 1981.

The firm markets about 38 bologna and prepared food products, all of which display the logo, throughout a six-state area. Their products are sold through direct marketing to consumers and wholesale distribution.

A 500-pound-a-week operation in 1979, the firm's 38 employees now process more than 40,000 pounds of Lebanon bologna each week. And most of the raw materials — an estimated 85 percent, to be exact — come from Pennsylvania growers and meat producers.

"We try to buy as much from Pennsylvania as we can," Kieffer said in a phone interview this week.

And though their Kutztown Bologna products find their way into most of the large supermarket chains, the Country Fresh Foods operation, for the most part, goes directly to consumers, either through their own salesmen or food service distributors.

"It's a nice little business," Kieffer said. "Consumers can't buy this kind of beef in the store. And once they get a taste of it, they like it."

Kieffer believes his firm's involvement in the logo program has been an unmixed blessing.

"Pennsylvania products are synonymous with quality," he said. "And we've never been questioned on the quality of our products."

Kutztown Bologna owners Terry Kieffer left, and Jerry Landuyt with their company's products.

Nibble with Gibble's, Inc.

Darrel R. Gibble started in the potato chip business when he was 17, peeling potatoes at the family's kitchen table.

It was 1959, and he dreamed of a snack food business, which his father eventually helped launch with a $1,500 investment.

Today, the Chambersburg firm sells 10 million packages of potato chips annually, all of which have the "Pennsylvania Agriculture" logo on the back. Gibbel's employs 345 workers, marketing its products throughout much of the Eastern U.S.

Although only ten percent of the potatoes used are puchased from local sources, the company buys all of its popcorn, 95 percent of its lard and 20 percent of its packaging film from local sources.

In fact, the use of lard has become a symbol of the firm's commitment to retain a "home style' flavor. While competitors often switched to vegetable oils after reaching a certain volume, Gibbel stuck to the old-time method,

"We aren't about to change the quality of our chip as business expands," Gibbel said. "We still make the same quality chip now as we did back in 1959 when our whole operation began."

Spring Glen Farm Kitchen

From its beginning in the mid 1940s, Spring Glen Farm has grown into a supplier of prepared foods to a five-state area.

Founded by the Sensenig family in Ephrata, the company now employees 115 workers and purchases about half of its raw materials from local suppliers.

The company also operates 13 farmer's market stands, and sells to stores, restaurants and distributors throughout the region.

The company incorporates the "Pennsylvania Agriculture" logo in all of its packaging and in most of its advertising and promotional materials.

(A feature on Spring Glen Farms appears on page B14 of today's Lancaster Farming.)

Kessler's Inc.

One of the oldest companies under consideration for the award, Lemoyne-based Kessler's has produced Nittany Lion Franks in affiliation with Penn State University since 1977.

The firm incorporates the "We're Growing Better" into 50 percent of its packaged products, which are sold to more than 3,200 wholesale accounts.

Most of the firm's products are sold within the state boundaries, and virtually all of the company's raw materials are purchased from local meat producers.

Kessler's also uses the logo in radio, billboard and newspaper advertising.

Shaw Brothers, Inc.

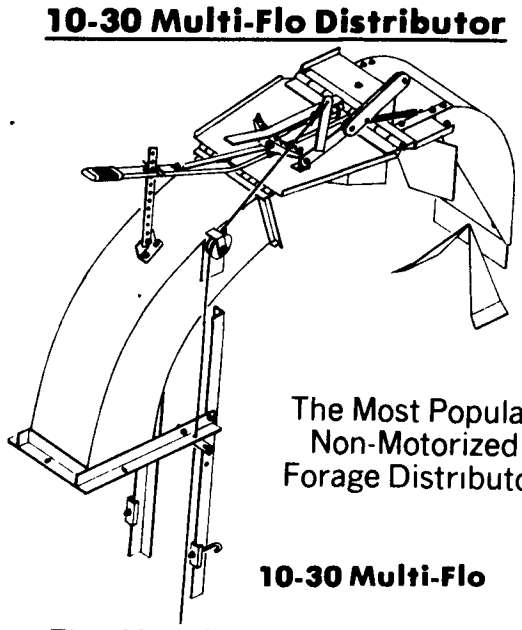
With four generations of the Shaw family active in the business,

(Turn to Page A25)

LANCASTER LEVEL-FLO

features: Silo filling systems and accessories on display at the farm show

10-30 Multi-Flo Distributor



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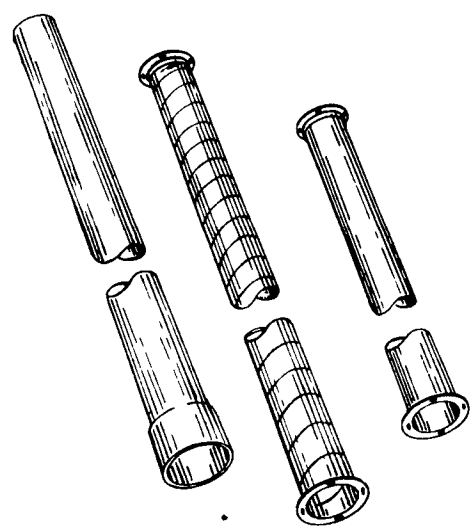

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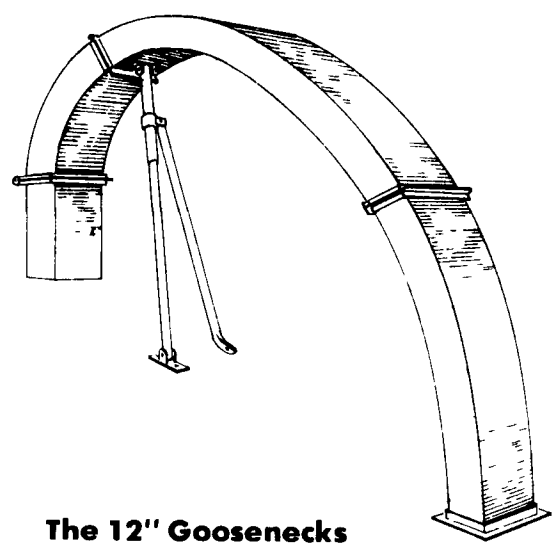
Lancaster Level-Flo manufactures high quality mill galvanized steel, spiral and smooth fill pipe. High quality vinyl pipe, pipe support brackets, telescopes, Kwik pipes, motorized distributor and silo roofs are among the other products available through our dealers.

12" Goosenecks High Profile



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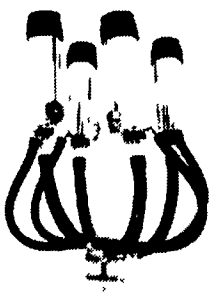

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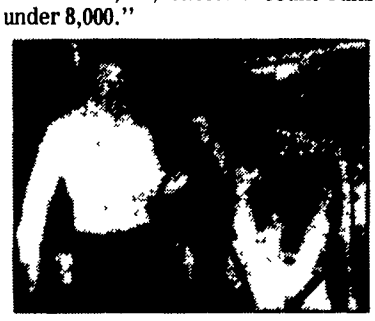

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"One man is doing the work of what 2 were before. I am real happy that I converted my old system to the Westfalia Bio-Milker with Visotron. It is more fun to milk the cows. The milker does the work for you, the cows milk out clean."

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STEVE JENKINS
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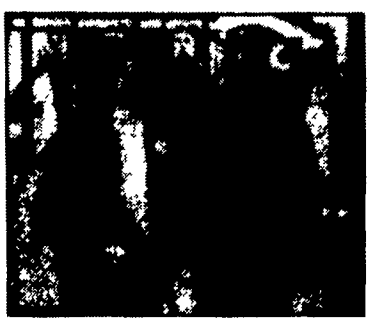
"I am happy with the way the cows are milking on my new Westfalia Bio-Milker and Visotron system."



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Agribusiness

Award nominees

(Continued from Page A24)

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Shaw Brothers buys all of its livestock for slaughter from Pennsylvania suppliers, and markets its products to independent and chain grocery stores throughout the state.

Located in Newry, Blair County, the firm has been an active purchaser of county 4-H and FFA livestock show winners.

Phillips Lancaster County Swiss Cheese

Founded as a cooperative by Amish and Mennonite farmers in 1933, the Phillips Lancaster County Swiss Cheese Company was purchased by a private company in the 1950s, and was sold to its current owners in 1973.

Milk is purchased from a local dairy co-op, with 90 percent Pennsylvania members. The firm's 16 employees annually process more than a half million pounds of Swiss Cheese.

In addition to the cheese it processes, Phillips serves as a distributor for other varieties of cheese manufactured in Pennsylvania. The products are distributed to a variety of wholesale and retail accounts within a 50-mile radius of Lancaster County, through the firm's "Cheese on Wheels" routes to rural communities in Pennsylvania, New Jersey, Delaware, Maryland and West Virginia.

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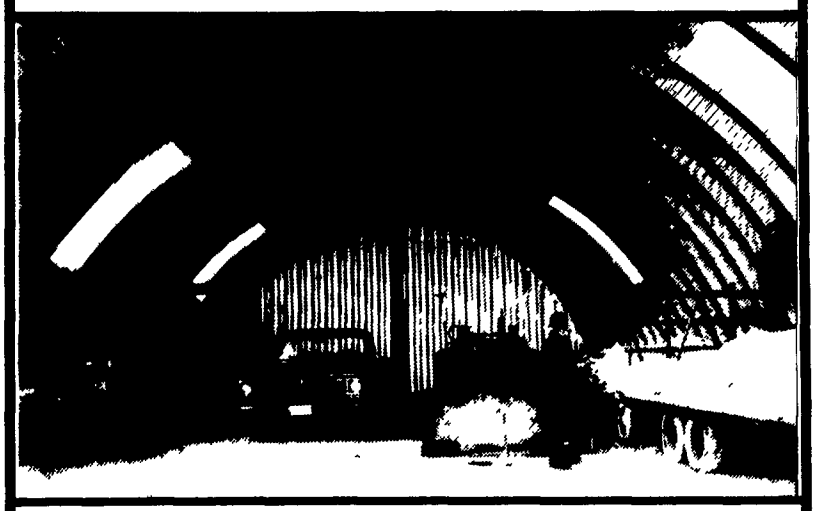

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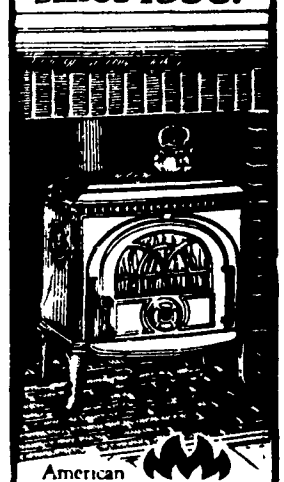

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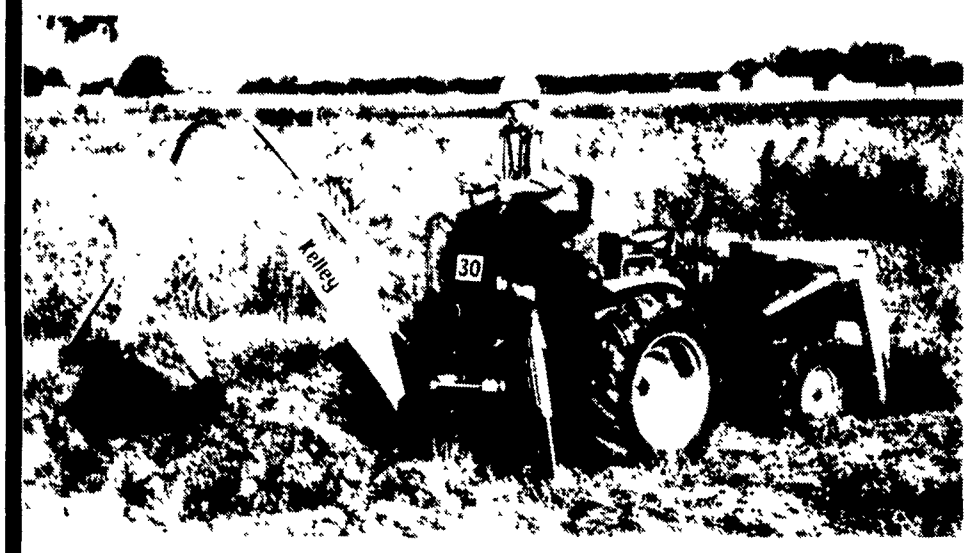

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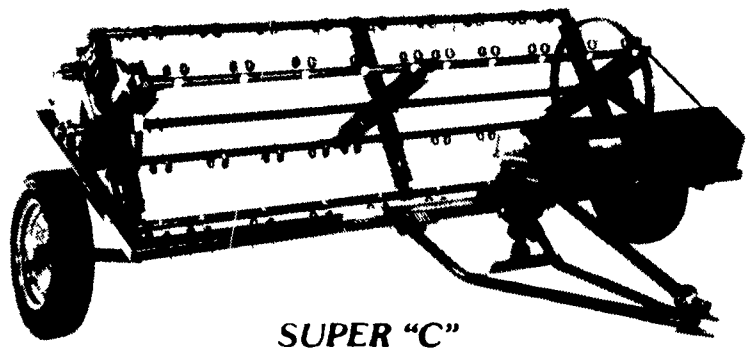

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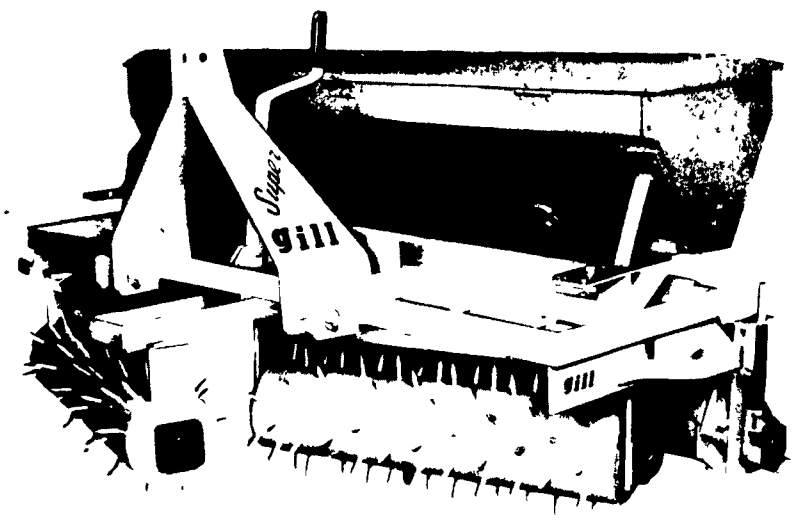

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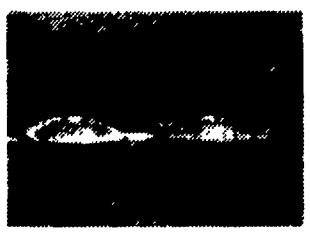

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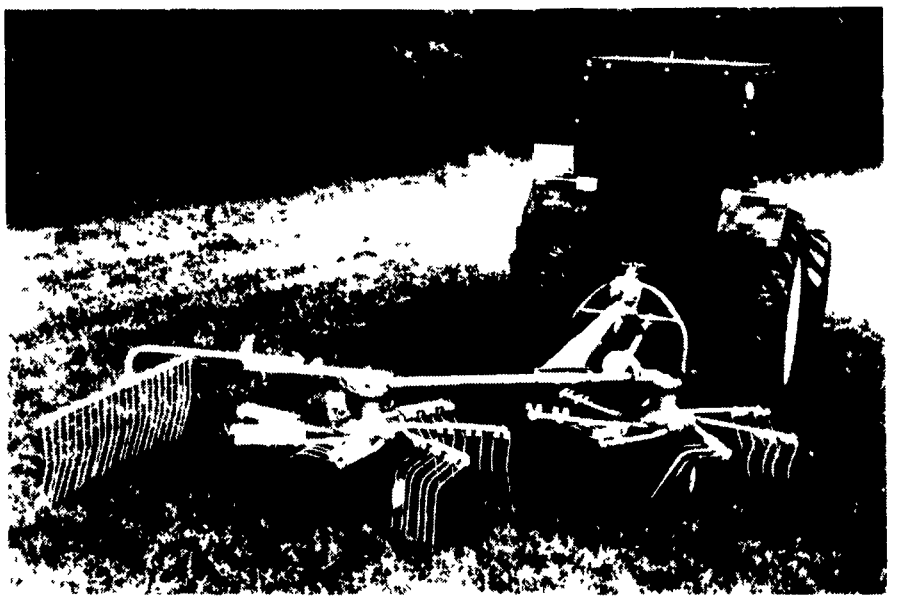

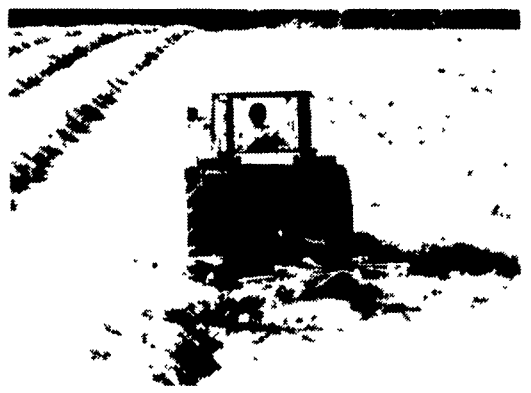

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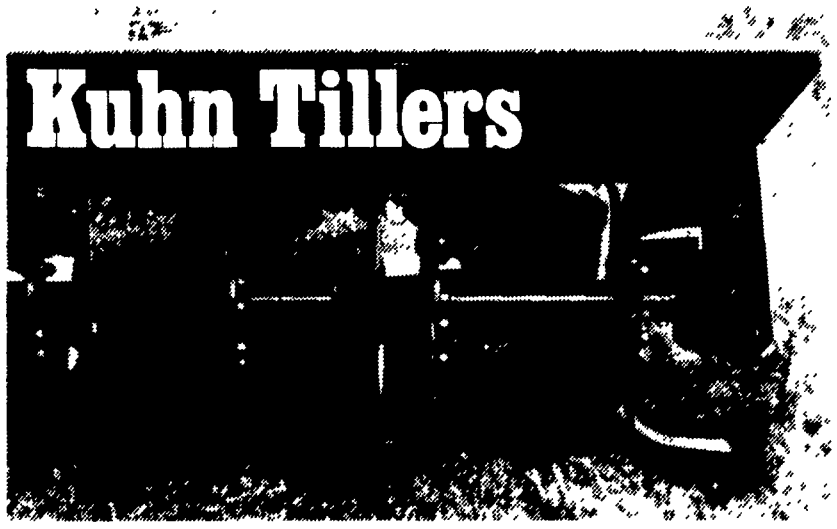

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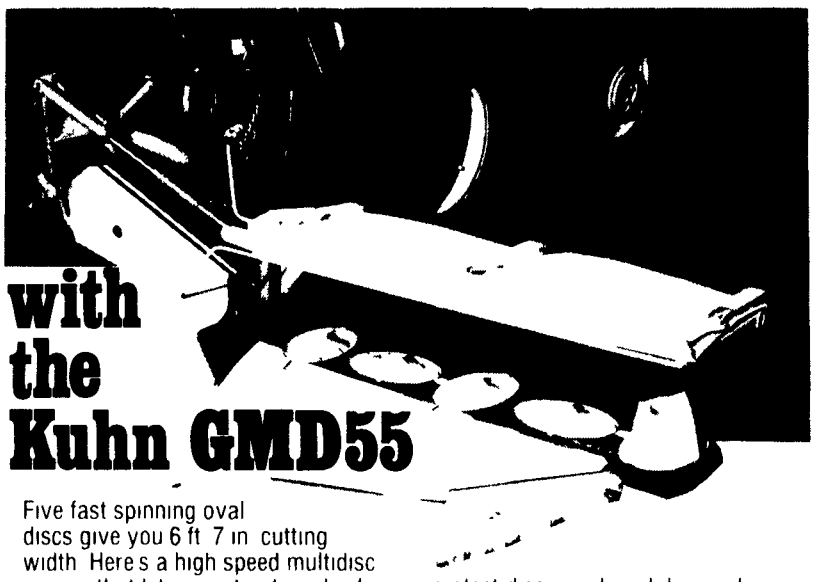

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Master Shepherds

From chipmunks to elephants, Shearer's dogs git 'em up, move 'em out

BY JACK HUBLEY

MOUNTVILLE — When Jim Shearer and his border collies entered the Pennsylvania Farm Show's large arena last January, they had only 10 minutes to show their stuff. This year the Mountville trainer and his crowd-pleasing canines were invited back with the Farm Show management's blessing. "They told me they'd give me whatever time I wanted," Shearer smiles.

All of which is no surprise to this retired Department of Agriculture livestock disease technician, who's been a dog fan since the age of four.

It was 1948, the year that Jim got his first border collie, that proved to be the pivotal year in his dog training career. "That was the end of all other breeds," he asserts, pointing out that the breed's innate intelligence, obedient nature and natural herding instinct make border collies a joy to work with.

Shearer stresses that the border's irresistible urge to herd enables the dogs to adapt to virtually and livestock species. "They'll herd anything that moves, from a chipmunk to an elephant," says Shearer, noting that, in addition to sheep, he has successfully worked beef and dairy cattle, pigs and poultry.

Jim sells registered pups at whatever level of expertise the new owner requires, from the raw recruit to the finished product. Training a border collie to herd animals amounts to little more than enhancing behavior that is basically in place, says Jim. "If you're in a pasture with a pup, five or six months old, and the sheep would start running away, he would naturally herd them to you," Jim says. The trainer's job, then, is to fine-tune his dog's performance by teaching him the appropriate commands.

"In three months I can have him responding to my commands and bringing the animals to me," Jim estimates.

"College-level" tasks, such as shedding, require another few weeks. The shepherd's equivalent of cutting cattle, shedding involves separating an individual or a number of animals from the main herd or flock. This skill is particularly valuable when animals should be separated in the field for veterinary care, breeding or marketing. One of Jim's dogs, by the name of Tam, had a grandsire who was well known for his ability to separate the wheat from the chaff.

"Tam's grandfather...you'd point at the sheep, and they could be tight as tight, and he'd crawl right in there and nibble at their ears and separate them. And the whole time he'd be fanning his tail to keep the others back," Jim recalls with pride.

According to Shearer, it's usually a bigger project training a dog's new owner than it is training the dog himself. "It's a change to the dog," observes Jim. "Just like your kid getting a different teacher. The new owner isn't going to give the commands exactly the same, and he won't blow the whistle quite the same."

There's nothing like a shrill whistle to stop a dog in its tracks, Jim emphasizes. And the veteran dogman feels strongly that the unborn pups actually "inherit" a whistle while growing inside the womb of their working mother.

Intensity written on their faces, Tam (left) Nap and Bill keep a flock of sheep anchored in the corral until their master arrives to shut the gate.

Because a dog's performance may depend to a great extent on his new owner's ability to replicate the original trainer's commands, Jim strongly urges each prospective buyer to come to his farm for a lesson in how to direct his new canine ranchhand.

With Shearer's dogs traveling to livestock operations as far away as Alaska, such visits are often impractical. For the most part, though, dogs and new owners have little trouble arriving on the same wavelength, he says.

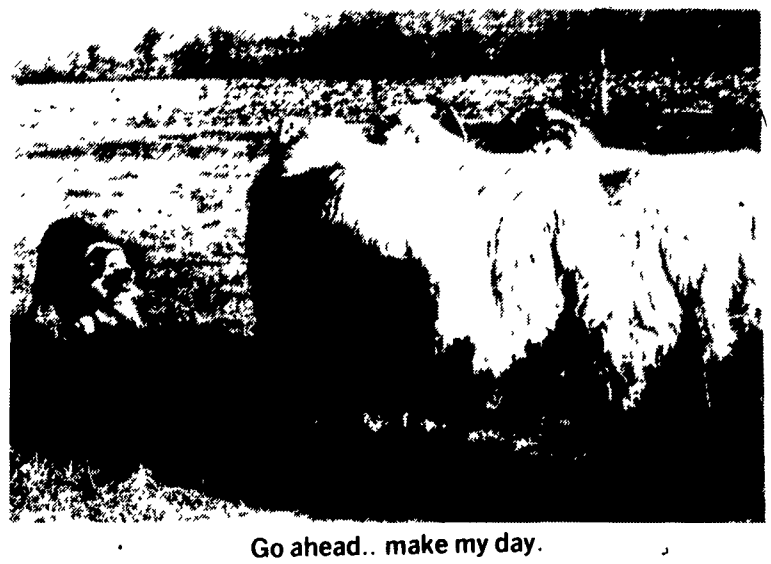
Although a fully trained border collie may sell for anywhere from $500 to $10,000, a finished dog may not be the best choice for the beginning trainer, Jim cautions. Whereas the polished performer may have a hard time adapting to his new trainer's commands, a dog that has only begun school will tend to grow along with his new owner.

Since retiring from PDA, Jim has been able to devote his full energies to his labor of love. He's currently training a dozen border collies at his Sheep Hill Ranch located on Hershey Mill Road near Mountville. He also conducts spring and fall clinics for owners of dogs of every description, whether they're used for herding, guarding the home or simply serve as companions and lap-warmers. "The purpose (of the clinic) is to make a better dog, whatever," he says.

His master prefers to use the gate, but a four-foot fence is no obstacle for Tam.

Luckily for those who just can't hold out for the spring clinic, Shearer and his dogs will be featured in the Farm Show's large arena on Monday evening at 7 p.m., where he'll convince even the most skeptical Little Boy Blue that, when the sheep's in the meadow and the cow's in the corn, he's better off trading that horn for a border collie.

"Yep, we do chickens, too," says Tam



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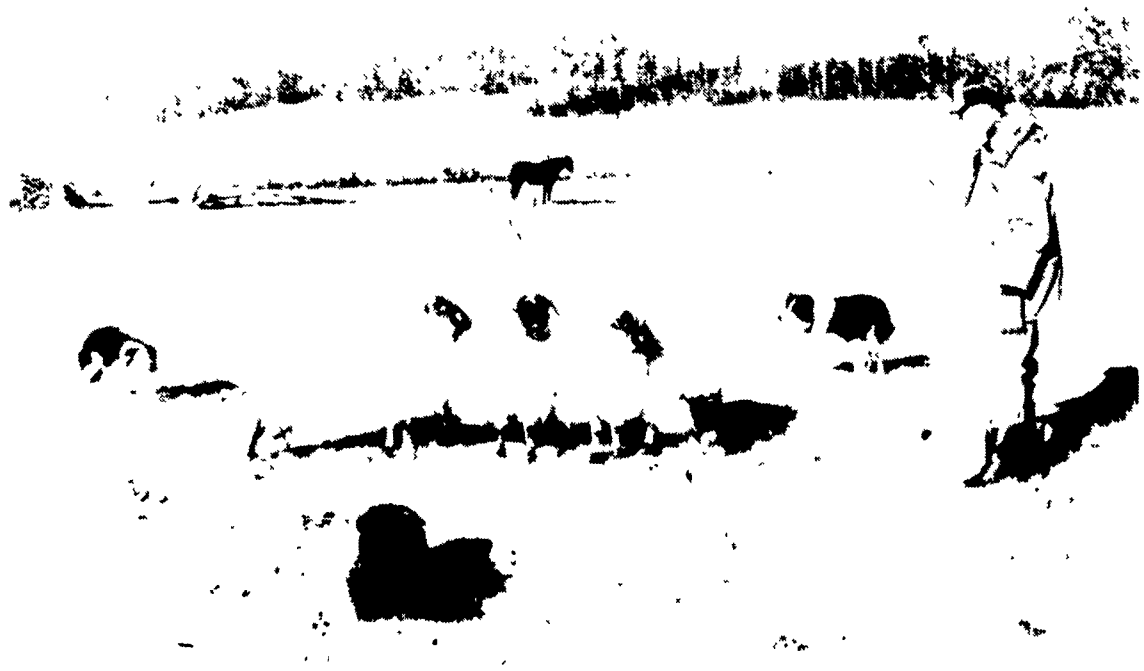

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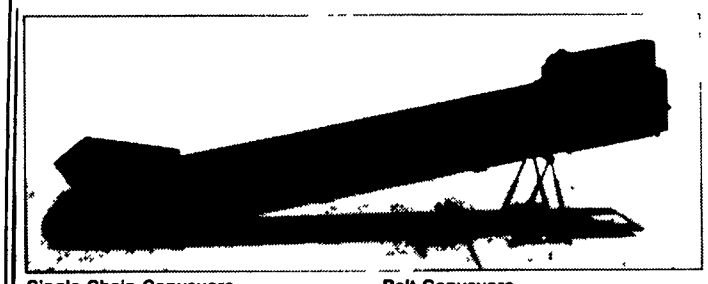

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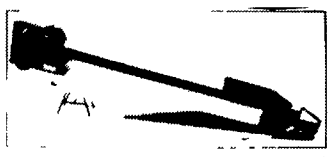

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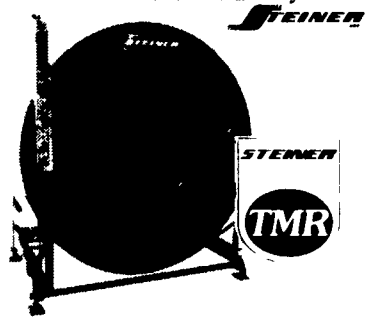

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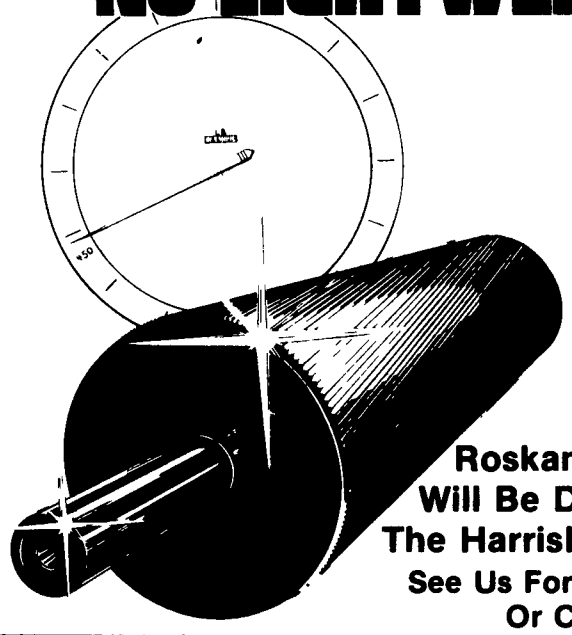

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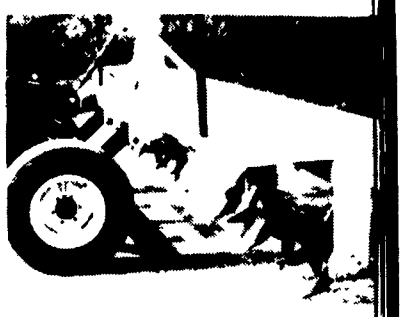

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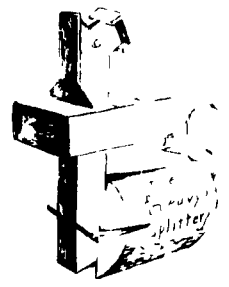

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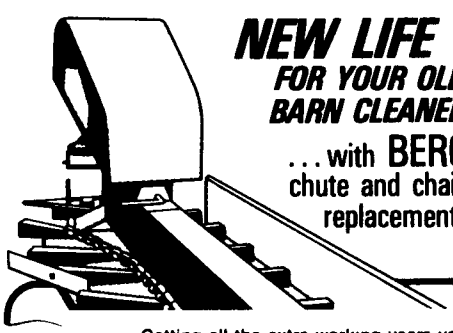

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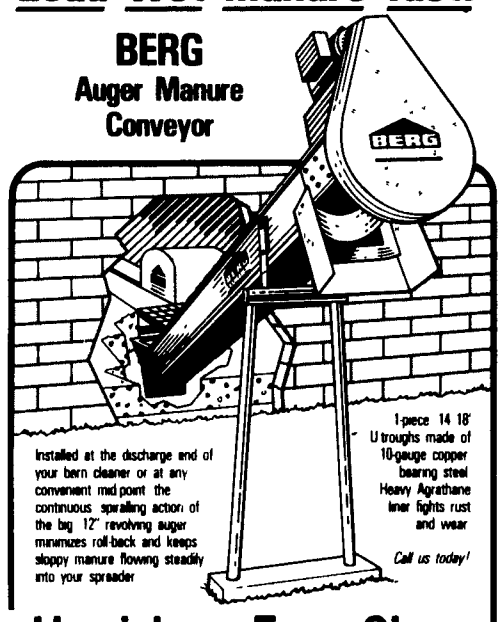

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PDPP board head talks about 'Make it Milk' campaign

BY JAMES H. EVERHART

LANCASTER – Donald Duncan is a dairy farmer with a mission. It is, quite simply, to sell more milk.

As chairman of the advisory board relatively new Pennsylvania Dairy Promotion Program, he's in an excellent position to do just that.

The PDPP, which spends about $2.5 million annually, is a board of dairy farmers that directs the activities of Pittsburgh advertising agency HBM-Creamer in promoting milk.

The board's "Make it Milk" campaign, unveiled last year, is used to promote dairy products in the midstate area, since federal order programs and the National Dairy Board reach Philadelphia and Pittsburgh, the group does little in the big cities because of the expense of advertising media.

In a wide-ranging interview at the office of Lancaster Farming, Duncan offered his views on an exciting year of dairy promotion. Here are the highlights of that interview:

Lancaster Farming: What were the basic objectives you established for your advertising agency when they developed the initial campaign?

Number one, we want to increase class sales. How would we go about doing that? We had to get quick decisions and the money. We couldn't have a lot of time on research or on debating. So we asked the agency to come in with some ideas. They came up with about four or five and it came down to about three or four. Creamer came in with a great promotion, a jingle, that came on. They actually gave us the idea of going with "Milk Is Great To Drink," it's a super taste, it's a fun drink. They said stay away from the health stuff because we know that it's healthful. Nobody questions that milk is healthful. We want to sell to people that we know are not drinking milk now. That way we will increase sales.

LF: Do you have any figures to show whether usage or consumption of dairy products has increased in Pennsylvania?

I wish I could say yes but I looked at my milk check the other day, compared it with last year and where last year was 53% Class I, this year it's 48% Class I. But we're up 9, 10% in production. So that means we gained 4% somewhere. It's like you're sinking as you're treading water.

We're trying to do the impossible, selling this stuff and there's being more put on the market so we have more to sell. So yes, there are definitely figures that show that we have increased sales, apparently in your processed dairy products. They're showing figures 5, 6% in processed sales and 1-2½% in milk sales.

We definitely know that it's increased the awareness of milk. In other words, when we make our studies now. People are very much aware that milk is competing against the soft drinks. Whether they drink it or not that's debatable. In advertising first you get the awareness then you get the sales.

LF: Do you see any problems in having a group of non-professionals–dairymen in this case–trying to direct the efforts of a highly skilled advertising agency like Creamer?

One concern or worry I have about the program is - Are we in the right direction? Is this what's really going to sell milk? When it comes to milk, what are the people thinking about there? Because I don't think like a lot of the people out there.

I think this is a lot of the problem with the members on our board. I've told them this over and over. You do not think like the average consumer that's out in the streets looking at these ads. You're an entirely different type of person. The demographics of your existence are different.

So you can't view a billboard, TV commercial or radio commercial like the consumer we're trying to get to. So that's why I say don't be too hard on these advertisers when they come up with an idea and you think, well that's ridiculous; It won't work. Because they are the professionals and they are the ones that have made the studies, and know what will sell and won't sell.

For instance, we have two ladies on our board, both of them very good. One of the presentations that Creamer did... I said, "Hey look, we spent a lot of money on production last year. Let's cut back on production. Don't make very many. And let's put that money into getting it on the air. Let's really get this stuff out this year." They said OK. They agreed with that. But they would like if it would be possible to maybe make just one and aim it at the fashionable woman.

In other words when you're having lunch, don't ask for mixed drinks, ask for milk. And with this talk on that maybe we can get milk to be the fashionable thing, the trendy thing for ladies to drink at lunch, secretaries, shoppers, whatever.

So we said that doesn't sound too bad so let's work on that. So they brought this discussion up and one of the ladies said, "But I just can't see that; I just don't think that will go over."

But the rest of the board felt that it would be good. We talked about it some more. Finally we said maybe we should do some research on

Turn to Page A31)

A toast! Lancaster Farming editors Sue Keene, left, and Jack Hubley, right, join PDPP advisory board chairman Don Duncan in a "milk toast" to ring in the new year.

Donald Duncan fills role of dairyman and milk promoter

ROBIN PHILLIPS
Staff Correspondent

ROBISONIA — "I have the same goals I had twenty years ago" states Donald Duncan Rt 1, Robisonia, in regards to his dairy operation. "To make a decent living for myself, to try to do a better job, to exist until next year," Duncan explains with a smile.

Catching this dairyman - milk promoter between farm chores and meetings was a challenge well worth the effort. Just after breeding several heifers and just before heading to Harrisburg for a meeting, Duncan took time to share his dairy operation. Spread between Bernville and Robisonia, the Duncan farm displays the "pride in your product" and the "daily efforts to do a better job producing milk" that Duncan has gained a reputation preaching. Dairying is Duncan's background and his future. It has given him the country life and daily challenges that he has enjoyed, he relates.

Donald Duncan and his wife Ann farm with 100 plus Holsteins, and own 130 acres in addition to renting 400 acres. With one fulltime employee and 2 high school boys helping part-time, the Duncans are kept very busy with farm chores, and daily meetings of community and agriculture functions they are so vitally involved in.

All calves are raised from the dairy herd, Duncan states, and the herd is completely homebred. Bull calves are finished to 1200 pounds and marketed and heifer calves are raised as herd replacements. "I've made a habit of raising everything," Duncan states. Duncan adds that one of their goals is to expand to 125 milking cows and to maintain that number without sacrificing production. "I don't want to accomplish that goal by sacrificing the quality of the herd" Duncan states. Herd average currently stands at 17400 M, 3.7 percent, 654 F. Saying he's culled hard over the years, he admits that it is discouraging and slows down expanding when better herd replacement are needed and only bull calves result from matings with the top rated bulls.

"I'm getting to be more and more a believer in using young sires" Duncan states. "We just don't have the success getting heifers from those high priced bulls," he explains. Most of the Duncan herd is bred A.I. with a clean up bull used when necessary. Sire Power bulls are used predominantly along with young sires from the Holstein Association.

From breeding practices, feeding methods, and housing accomodations, efficiency is practiced daily. A total mixed ration is fed to most of the stock, and a nutritionist oversees feeding requirements. Haylage, high moisture shelled corn and earcorn, and a 38 percent supplement is fed to the high producers. A corn silage mix is fed to the low group, dry cows, and heifers. A magnet feeder installed with a timer is used to supplement 80 pound plus producers.

Because of the ease and speed of handling, round bales are utilized for hay and corn fodder. Each enclosure is equipped with a round bale feeder. "We're really pleased with them," Duncan states.

The dairy operation also includes a manure pushoff pit nearby, and a lagoon to catch waste water is included in the time saving operation. "The calves are Ann's project," Duncan explains. "She really puts alot of time and effort into these calves" he points out. Calves are individually raised in slatted pens weaned at six to eight weeks, then placed in group pens and super hutches. The slatted pens are built over the gutters of the old stanchion barn and ventilated with fans. Manure is scraped away twice a day and the floor then is hosed down.

The other half of the stanchion barn is equipped to handle sick cows and maturnity cases. After freshening, cows are moved from the milking parlor to the freestall barn.

Donald Duncan readies the parlor for milking and explains the features of the Westfalia claw and automatic take-off.

Dry cows are fed hay free choice in a homemade feeder that has little waste.

The milking parlor, built in the 70's because of the need to milk more cows more efficiently, is a double five on a side, equipped with Westfalia claws, pulsation, and automatic take-offs. Usually two people do the milking, and washing and drying methods are strict. Germicide washer hoses were installed to aid in fighting mastitis and cows are thoroughly dried before milking. "We're always looking for ways to reduce mastitis," Duncan states.

"I like being active," Duncan states with a smile when asked how he manages field work dairy chores and many meetings. Stating that he is home for 90 percent of the milkings, Duncan adds that he relies on his wife for her support and the help of his son D.J. whom he hopes to encourage to stay in farming, plus that of their employees.

Corn, alfalfa, wheat and oats are cropped by Duncan who also happens to be the chairman of the Berks County Crop Management Association. "It's a super organization," he admits. "Its extremely vital to anyone who hopes to succeed with a cropping program." Duncan points out the savings possible on insecticide and fertilizer with the proper crop management.

Duncan uses stave silos and a Harvestore. A Big Jim unloader is also appreciated. All cuttings of hay are marked with a plastic disk and forage tested before the next cutting is placed on top.

Dairying since 1954, Duncan has had experiences with homemade parlors, a 44 cow stanchion barn, loafing sheds and pipelines before converting to his present setup. "We knew we had to expand (in 1974) and take better care of the cows," he admits. "The freestall and parlor are one of the best decisions I ever made," he states.

Duncan concludes that those farmers who do not want to be professional dairyman and strive to do a better job everyday, should get out of the dairy business. "I see an awful lot of hope in the dairy buyout program. It gives an incentive to those guys that really aren't professional dairyman," Duncan states. According to Duncan, poor quality milk producers must be weeded out or quality standards strictly enforced to improve the dairy industry.

"There is no way we can promote milk that is not of the best quality," Duncan continues. He adds "poor quality milk is making it hard for us to sell milk." Encouraging fellow dairymen to be optimistic about the future and to renew efforts to improve milk quality, Duncan concludes, "it's an everyday effort."

"Promotion and milk quality go hand in hand. Anyway I can and everywhere I go I try to promote milk...and insist on real dairy products." concludes this dairymen milk promoter.

Duncan discusses dairy promotion, Pennsylvania-style

(Continued from Page A30)

that. Make focus study or some kind of study and see exactly what direction they should go.

They came back with a proposal, which we'll be presenting on the eighth, that was quite a few dollars.

What they suggested was going toward the younger secretary, the working woman and also the older lady but have them very fashionable.

One woman that disagreed said there aren't many woman that are like that. There are a lot of women around but not many that are like the New York model type. My wife's comment is "Secretly they would like to be like that, although they might not admit it."

LF: Do You See PDPP Going Into More Promotions For The Processed Dairy Products?

Yes, we have to. Obviously we want to sell fluid milk; that's what we're really after and that's where we tried to come up with some figures. Let's say when we first started 65% of our money will be devoted to fluid milk and the remainder will be devoted to processed.

Now maybe we want to get into 2% milk. We have not promoted that at all. And there is a lot of feeling that maybe 2% is a market out there that really is flying. (White Milk) A lot of farmers don't want to hear that but, here again, is the farmer the best man to ask that?

LF: Do You See Any New Prospects That Will Help You Capitalize On The Taste Of Milk?

I would say right now we have nothing. Medical research wise we do. But the taste and the spreadable butter, no we don't. I will guarantee you that within two or three years, with the amount of money the national program is putting into research, we will have something.

LF: What About Recipes?

We have sponsored a recipe contest, cost us a lot of money. Here again the board agreed on it. As we started going down the pike we thought - Boy did we make a mistake. We didn't get the participation that we really wanted, 440 entries.

Of those 440 entries, we had four major winners. What we ended up with was a lot of super recipes. So what we have been doing is saying, send for the recipe booklet. These recipes are being printed on very nice little cards that will fit in a card file. They will be given out at the Farm Show.

I'm going to take this a step further and say let's get a nice little recipe box with our dairy seal on it. I think this is something we can touch on much more than the nationals can.

LF: There's been a lot of talk about trying to get milk in places where it's not currently promoted, or even served. What are you doing in this area?

The problem in some areas, like ball parks, is with keeping milk cool. I am personally going to try to promote milk in restaurants. Whether it be fast food, breakfast tray or lunch tray. I don't really think we can go after the white linen trade that much. Sure we can hit it, but I think that breakfast and lunch trade is the one we're going to show the most few gains in. MAMMA is doing the supermarkets and I think they're doing a real find job of it. Let them do that and us work on the restaurants. We have a member of our board, Dick Sellenberger of Kreiders who is very active in the Restaurant Association and with his expertise and his contacts I think we can really work this restaurant thing over.

LF: How do you intend to approach restaurants?

Try to convince restaurant owner that there is a profit in serving milk. Will increase sales by serving milk. Customers will think you're looking out for me and doing good job. Have waitress suggest milk with meal. Whether we use an incentive I don't know.

Maybe we can give an award to restaurants whether monetary, recognition in Lancaster Farming or other newspapers, or take an advertisement in a local newspaper and promote that restaurant. Blackboard specials featuring milk with meal.

Hopefully, we'll be doing a promotion with McDonalds in the Johnstown area. McDonald is going to have a mug with Garfield on the front and our PA dairy emblem on the back. You can buy the mug and get it filled free for two weeks or something like that. If it goes well at McDonalds, if McDonalds feels that it's a good promotion, it will spread it to other places in Pennsylvania then it could go over the whole U.S.

Another thing is the Dairy Princess Promotion. We would like to come up with a coupon that these princesses could give to kids so they can redeem at McDonalds for a free milk with hamburger. Kids would have something to take home to parents after the dairy princess's presentation.

LF: Are there any hidden problems and disputes between the PDPP and the federal order or national programs? Aren't they, in effect, competing for the discretionary part of the farmer's promotion assessment?

There are five programs in the state. I guess the way we're resolving it is the fact that we are a Pennsylvania program. MAMMA has southeastern Pennsylvania, Washington, VA, Baltimore, NJ. Order II is obviously most of NY state. Order 36 is some of Pittsburgh but mostly into OH. So when you get right down to it we are the only program that is really promoting milk in the state of Pennsylvania.

If we depended on MAMMA to do all of the advertising for Pennsylvania it would fall way, way short. The center of the state would never hear anything.

We don't want to step on their toes. They sometimes feel that maybe we are. We feel there is plenty out there for all of us.

There is no way that we will be able to do all of the work but when it comes to the state of PA I think we can do the greater percentage.

Now we stay out of the Philadelphia and Pittsburgh market. The cost of the media is just too much; we just can't afford it.

We can advertise TV for the whole rest of the state for what it costs to buy time on Philadelphia, Pittsburgh.

In other words, our cost would have to be doubled if we included TV for the Philadelphia.

And we think that the national and MAMMA is doing an excellent job in that market. So we are not going to touch it.

We feel that we are going to do more the radio, more the local-type thing, more working with the restaurants, more the grass roots, very active with dairy princess committees.

I don't want to say it's a problem. Let's say it's a concern for some people more than it is for me.

I feel we have to be very honest about it and tell the farmers what we are doing.

Our program runs on less than 2% of the total budget. This past year in fact, the interest we earned, was more than the cost of running the program. The instant that income comes into us it is put into an interest bearing account, 30-day, 60-day, 90-day, depending upon how we feel we need it. That interest was enough to pay the total operation of our program plus a couple of thousand dollars in the kitty: This year we will be having a few more expenses and they say their interest is going to be down a tenth or a quarter of a percent so they said don't look for it to do quite as well.

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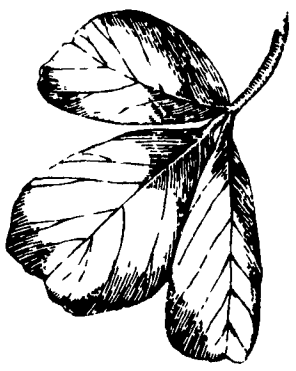

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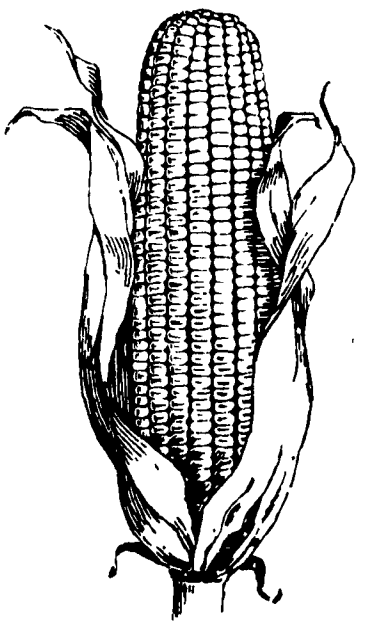

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SEE US AT THE PA FARM SHOW

'PENpages' computer net to debut at Farm Show

UNIVERSITY PARK — Governor Dick Thornburgh will electronically cut the ribbon on the Pennsylvania Extension Network's PENpages, a data base of current information, on the opening day of the 70th Farm Show. Thornburgh will be the first person to use PENpages, which gives Pennsylvanians a direct connection through their home computers to information from The Pennsylvania State University's College of Agriculture and other state and federal agencies.

For the past year and a half, faculty and staff in the College of Agriculture have been building the computer network, linking each Penn State campus and the offices of its Cooperative Extension Service. It increases the reach of Extension to any Pennsylvania resident having access to a microcomputer, modem (telephone hook-up) and appropriate software.

The system contains a variety of agricultural and extension information ranging from daily, weekly and monthly agricultural news and alerts to more permanent types of reference material. For example, home gardeners will be able to access information needed to identify and control many types of vegetable diseases—including up-to-minute details on the new diseases and the latest research.

Homeowners will be able to access information on clothing, textiles and home interiors. Young people will find information on 4-H career and leadership opportunities. Farmers will find specific information on many production agriculture concerns.

The Pennsylvania state legislature appropriated $1.9 million in 1984 to begin the Extension Computerization Project, and provides funds for its continuing operation. Extension computer specialists have trained more than 750 faculty and staff members, in addition to purchasing equipment and developing PENpages.

To date they have completed 41 computer programs including family dollar decisions, farm business analysis, stress management and machinery analysis.

How it all works is the focus of the College's Farm Show exhibit. Extension computer support agents will be staffing the exhibition booth to explain the operation of the network and to answer any questions. A user guide will be available through county Cooperative Extension Service agents, offering a detailed outline of the PENpages data base, as well as specifications on the necessary computer accessories.

Additional home horticultural information, poultry diagnostic lab reports, national and local agricultural market information and farm management programs are but a few of the topics under development.

"Experts predict that by 1990, 40 to 50 percent of families in the United States will be using computers at home for information exchange," says Graham Bell, Penn State Extension computer support coordinator. "The Pennsylvania Extension Network brings that future much closer for the people of Pennsylvania."

Seniors to receive new high-calcium milk at Show

HARRISBURG — Pennsylvania dairymen climbed on the calcium bandwagon in a big way last year, underwriting special research and putting hard-earned dollars into product development.

Next Monday at the Pennsylvania Farm Show, senior citizens will have a chance to taste one that made it — an easily digestible, high calcium milk from Lehigh Valley Farms.

The new product is the first of its kind in the nation, according to William Fouse, director of the Pennsylvania Department of Agriculture's Bureau of Foods and Chemistry.

Called CalciMilk, it is aimed at senior citizens and other individuals who are potential victims of the bone depleting osteoporosis and cannot drink regular milk. Lactose in the "hi cal" milk is converted to simple, more digestible sugars.

The producer-owned co-op will help observe Senior Citizens' Day at the Farm Show Jan. 13 by serving the free milk to senior visitors in the Farm Show's Main Lobby.

Is 65 too late to prevent osteoporosis? According to Lehigh Valley Farms, high calcium milk helps deter further bone deteriation.

Recent research indicates milk and other high calcium foods do more than build sound bones. They also reduce colon cancer and influence blood pressure, studies find.

More good news for consumers and milk producers is expected later this year from a Penn State study funded by the Pennsylvania Dairy Promotion Board.

Not all new milk products deal with calcium. Lehigh Valley also markets Lactaid, a regular milk with the lactose converted to simple sugars.

A new milk product processed by Dairymen, Inc. at ultra high temperatures could unlock vending machines to the dairy industry. It is also sold in three flavors and can be stored for months without refrigeration.

Also getting a hard look in dairymen-supported research are lactose-free yogurts and low fat cheeses.

Dairymen pay an average of $21 per cow into national and local programs for milk promotion, research and product development. In Pennsylvania that could add up to $14 million this year, according to estimates by the Pennsylvania Department of Agriculture.

Such big dollars, of course, could mean more new dairy products down the road. A boon to dairymen and consumers alike.

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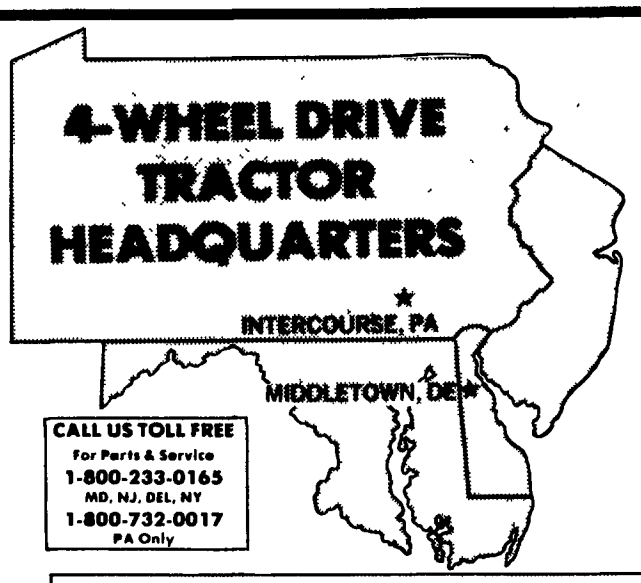

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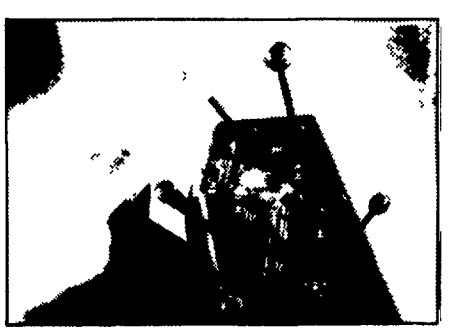

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Spicklers are bullish on Ayrshire cows

BY SALLY BAIR
Staff Corrspondent

MOUNT JOY — "Hard work is all that's left," says 14-year-old Angela Spickler as she sums up her preparations for showing her 4-H dairy animals at the state Farm Show next week.

Angela and her 12-year-old brother Anthony are members of the Ayrshire, Jersey and Brown Swiss 4-H Club and will be showing Ayrshire senior yearlings at the state event. Angela will also show a junior yearling. Their parents are James and Linda Spickler, Elizabethtown R.D. 1.

Showing at Farm Show is not new to either of them, and they both are eagerly looking forward to traveling there this year. They get to miss school for the day of the show, and most of the daily care of the animals falls on their mother Linda. Angela saids that last year she had a milking cow which is a much heavier commitment than the heifers will be.

Prepping dairy animals for a show is hard work. Here, Angela Spickler handles the brush while brother Anthony holds his sister's senior heifer, Vega.

A student at Donegal High School, Angela says she doesn't like to make up the school work she misses, but she likes to show. "It's a lot of fun." Getting the animals ready for showing is "just as fun," she says, except for washing them when they are really dirty.

Dairy animals require some special clipping, and Angela says she learned to do her own clipping this year, admitting, "I make my share of mistakes."

While Anthony shares Angela's enthusiasm for showing, he is quite candid and says he does not enjoy fitting his heifer. "Getting animals ready is for the birds."

Nevertheless he can see the value in the hard work and says that one of the benefits of joining 4-H has been to learn to care for animals and the proper way to groom them. He attends W.I. Beam Junior High School and has been in 4-H for five years.

Angela says she's glad she joined 4-H six years ago because she has learned a lot about people. "I have learned to meet new people and how to work with people. You also get a lot of patience. She says most of her 4-H friends are from within the county, and she likes seeing them at 4-H events. Angela has held many offices in her club and now serves as a teen leader.

Veteran showmen Anthony and Angela Spickler are members of the Lancaster Ayrshire, Jersey, Brown Swiss 4-H Club.

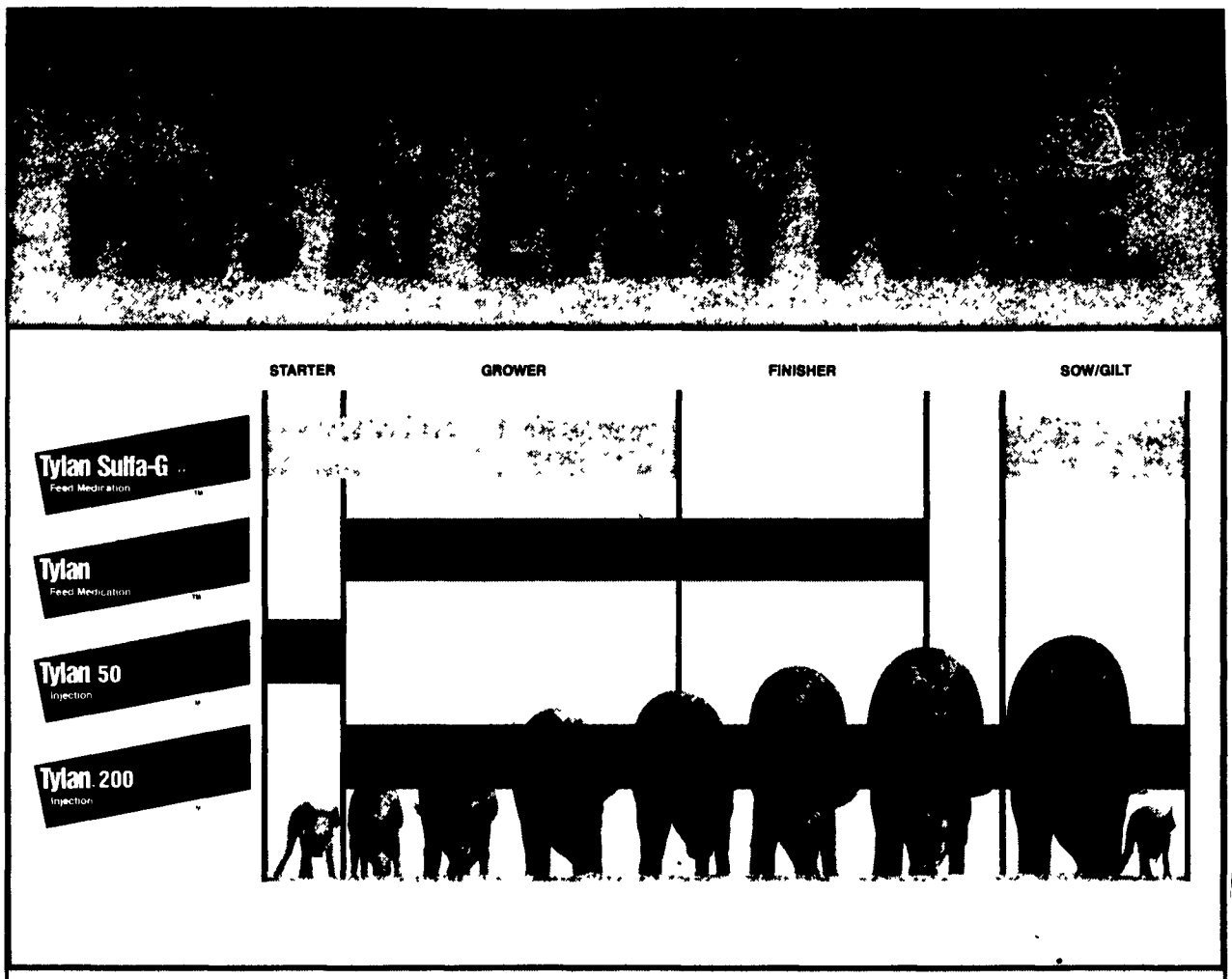
One reason they joined 4-H was the urging of their father, who was a member for 10 years. "I liked it," James said. "It gives the children a chance to get away for some other activities when they are busy on the farm." The Spicklers milk 34 Ayrshires, a breed that Spickler likes because of their efficiency and higher butterfat. "Their feed consumption is lower and the initial investment is lower," Spickler says, with a higher dollar return.

Daughter Beth is just eight and will begin 4-H this year. She already has chosen her project animal, and has already had some experience helping her sister and brother.

Angela now owns nine animals, and she has done fairly well with her project animals. Her father says with a laugh, "She got started lucky." Anthony owns five animals.

As to how they will fare when the cows are finally placed next week, Angela says she doesn't know, but the first thing she always does is to

(Turn to Page A34)



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How 'bout a dunk tank for dairymen's frustrations?

Editor's Note – With a diversion plan completed in 1985, and a whole herd buyout slated for this year, correspondent Joyce Bupp talked to a variety of farmers about the frustrations, temptations and confusion which await those who participate in this latest attempt by Uncle Sam to limit milk production. Here is her sometimes whimsical account.

BY JOYCE BUPP
Staff Correspondent

HARRISBURG – If local dairyman could have their way, the thickest crowds at the Farm Show might not be at the baked potato or milkshake lines....not at the pileup around the hatching baby chicks or water-slide ducklings....not even the mass of humanity milling between barn and arena where livestock exhibitors must push, pull and pray their once-manicured entries through the melee.

No sir. Rumors are that what would draw far and away the longest line would be a "dunk tank" for the use of frustrated dairy farmers.

This would be not just any pitching-arm practice dunk tank. This dunk tank would offer dairymen a chance to lob rocks at a silo-roof-sized target, plunging recent government dairy programs into a milk tank of icy-cold surplus milk. Or maybe into the seemingly bottomless pit holding the CCC surplus powder.

First on the list of prime dunking candidates would be the creators of the 15-month diversion program. Fifteen months: just long enough for participants to relegate breeding size heifers to the back lot, fatten them up for an additional year, then shove them into the milk string, power-packed to crank out the 12 percent increase in production.

"Too short!" scream dairy farmers, who might ante up the pre-diversion price of a hundredweight of Class I for a chance to lob a boulder at that target.

Next on the dunk seat would be the writer who composed the regulations that governed the handling of slaughter cows under diversion culling.

"Too loose!" accuse producers, willing to maybe slap down another hundredweight's worth for a crack at that target.

Especially heavy rocks are sharpened for that whispered-about operator trading under the name Cal Jocki. Cal bought cattle here and there, reselling wherever a buyer would willingly strike a "real" bargain or a "good deal"– no questions asked.

Tales circulate wherever dairymen gather for 20-20 hindsight diversion debates about incidents where old Bessie was trucked to market, earmarked for slaughter, then turned up under an assumed number in some other herd--either knowingly or unknowingly."

Another pile of rocks waits for guys like Mick Multiherd. Mick maintains who knows how many dairy herds, scattered across county and state lines, with zero cow records maintained on these far- flung operations. Mick's trailer tires are reportedly bald from hauling cows from diversion-program herd units to others not signed up the program.

Not to forget Sly Slick. Clever Sly is already running through his cagey mind the vague guidelines publicized to date on the new herd buyout anticipating loopholes he can wriggle a pipeline through.

And so, held in reservation - at least until the final, detailed regulations on the 1985 Farm Bill's herd buyout program - is a seat for USDA.

For dairymen are pleading: Will the Department of Agriculture remember the lessons learned through the diversion "cure" to the surplus program as they ready herd buyout regulations?

While they gather rocks, just in case, dairymen toss questions:

–What will be a sensible bid per hundredweight on production? Over what period of production history? How soon will the Secretary start accepting and acting on bids?

–Can a dairyman with more than one herd sign up just one production unit? Suppose none of the herds is tested or records maintained on individuals? Who will monitor which cows go with which herd? How?

–What if a father and son operate together, both owning cattle in the same herd. Dad wants to use the herd buyout to retire. Can they split the cattle under the program, keeping Son's, but sending Dad's to slaughter? What about the young stock all being raised together?

–How about farms that only milk cows, but put their young stock out for raising on another-place? Must that young stock, keeping some other farmer in business raising heifers, be sent off to the beef auction?

–How many years will it run? Three? Four? Five? Suppose the program is announced for five and some highly-unlikely disaster creates a milk shortage early in year four? Would cows continue to go for beef?

Over how long a period will the payments be stretched? Can a participant opt to take a lump sum payment to invest in Atlantic City slot machines if he so chooses?

–Who will police the buyout program? With what punishments for abusers?

–And this final biggie: Will the program be so bureaucratically burdensome and complicated in compliance that only the absolutely most desperate dairyman will even give it serious consideration?

One final dunk target is already taking some preliminary practice hits: biotechnology. Chemical and hormonal developments that promise unprecedented production increases have some dairymen as jittery as a heifer in the milking string for the first time.

Such developments as isoacids and bovine growth hormones could prove big spoilers for any production reduction program - and eventually shove the dairy surplus to even greater levels.

Farm Show officials have long tossed about ideas on how to raise funds to help finance the popular January ag expo, considering everything from gate receipts collected at the doors (too many doors) to charging for evening programs to the now familiar parking fees.

By Farm Show, 1987, the dairy industry might have a firmer handle on programs dealing with the increasingly monumental mountain of milk.

But if there aren't some satisfactory answers to the tough questions being pondered today by dairymnen, a dunk tank for farmer frustrations could prove to be a real moneymaker.

All roads lead to the Show

HARRISBURG – All roads lead to the Farm Show January 12-17, but some roads may give visitors an easier time, according to Farm Show Director Horace Mann. Mann today provided some traveler tips on avoiding traffic complications during the annual agricultural exposition.

Mann said that construction on the Cameron Street road project in Harrisburg could cause delays for show patrons, but he added that a number of alternate roads could be used to reach the show, which annually plays host to a half million visitors.

The Director advises Farm Show visitors to use Route 81 (Exit 23, Cameron Street) and the Route 22 Bypass to access the 60 acres of paved parking directly adjacent to the Farm Show Complex. The River Relief Route (Routes 22 - 322) also provides direct access to Cameron Street and the Farm Show. Parking in the lot is $2 per car.

Mann said entrances to the Farm Show parking lot are located in Elmerton Avenue (three lanes of access) and Cameron Street (two lanes directly across from the Agriculture Building.) He said traffic would exit at three gates located on Maclay Street, Cameron Street and Elmerton Avenue.

The Farm Show Director also reminded Show visitors that additional parking is available at the Harrisburg Area Community College just off Elmerton Avenue. Free shuttle bus service is provided by the Farm Show Commission from the College to the main entrance of the Complex.

Traffic control is an extremely complicated matter during the event. To facilitate movement, the Pennsylvania State Police will provide traffic control units around the Complex.

Spickler Ayrshires

(Continued from Page A33)

walk around the barns and check out the competition. In fact, Angela says the dairy barns are her favorite place at Farm Show, and she'll spend most of her time there. Her brother, on the other hand, looks forward to going to the implement buildings and looking at all those shiny, new pieces of farm equipment.

This year the Ayrshire show begins at 11 a.m., which gives commuters like the Spicklers a little extra time to arrive in Harrisburg and get their animals ready for the show.

And so, the countdown begins. The Spicklers will wash and brush and lead their animals intensely as they get ready for the show. They will also be hoping for some good weather, to make traveling between home and the Show less of a concern.

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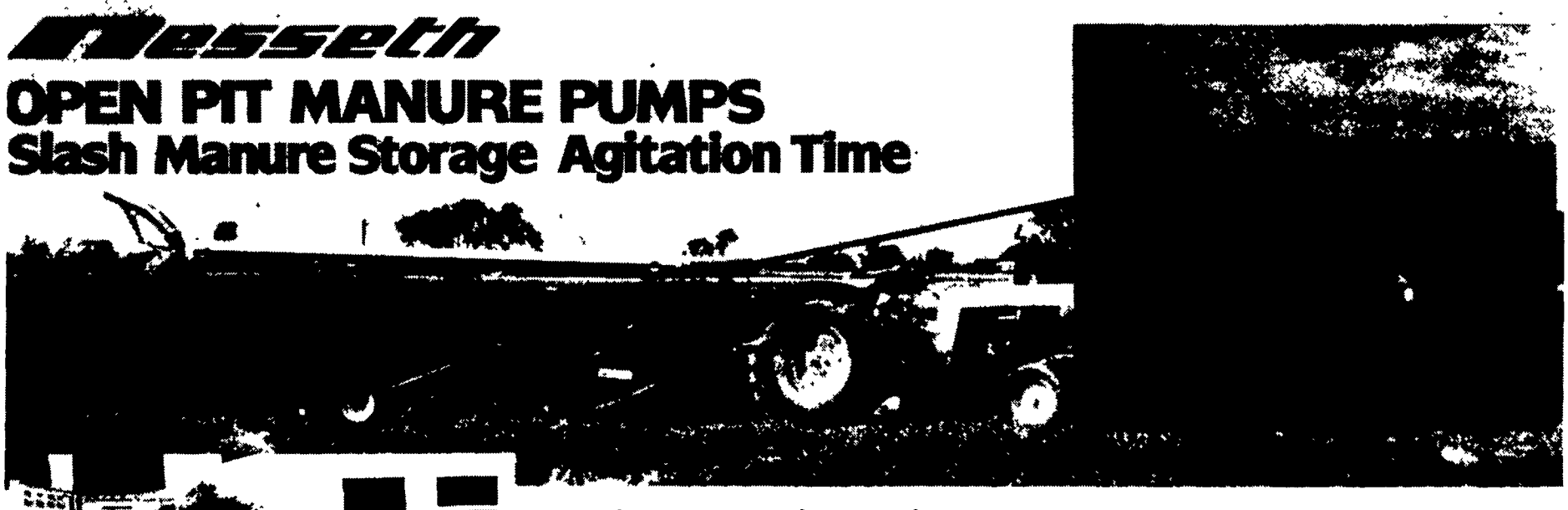

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Congressmen record TV spots on osteoporosis

WASHINGTON — The National Dairy Board has produced a series of public service announcements on osteoporosis that have begun to air on television stations nationwide.

House Speaker Thomas P. (Tip) O'Neill asks his constituents to find out more on osteoporosis by writing for a free booklet, in a public service announcement produced by the National Dairy Board.

Each 30-second spot features a Member of Congress discussing the bone-thinning disease while offering a pamphlet with additional information on the subject.

A total of 68 Senators and Congressmen served as spokespersons for the project, taping individual announcements during filming sessions held in the U.S. Capitol building. Among those participating were Senate Majority Leader Robert Dole (R-KS), Speaker of the House Thomas P. (Tip) O'Neill (D-MA) and House Agriculture Committee Chairman E. (Kika) de la Garza (D-TX).

"We are grateful for such strong Congressional support on this national health problem," said Joe Westwater, the Board's Chief Executive Officer. "It is clear that Members of Congress are anxious to help their constituents prevent a potentially devastating bone condition."

The public service announcements were sent to 204 television stations, three in each of the participating Members' congressional districts, as well as national cable networks.

National cable "superstation" WTBS will air the spot with Representative Claude Pepper (D-FL) November 15, 1985 through January 15, 1986. Cable news network (CNN) will air Speaker O'Neill's spot indefinitely, beginning December 1, 1985. Both cable channels reach 37.5 million homes.

Osteoporosis is a crippling bone disease that may affect as many as 15 to 20 million Americans. The health care costs associated with this condition are estimated to cost the nation approximately $6 billion annually in health care and lost earnings.

Members of Congress appearing in the National Dairy Board's Osteoporosis public service announcements include Senators Mark Andrews (R-ND), Rudolph Boschwitz (R-MN), Dale Bumpers (D-AR), Robert Dole (R-KS), Charles Grassley (R-IA), Orrin G. Hatch (R-UT), Paula Hawkins (R-FL), Howell Heflin (D-AL), Patrick Leahy (D-VT), Richard Lugar (R-IN), Spark Matsunaga (D-HI), Claiborne Pell (D-RI), William Proxmire (D-WI) and Lowell Weicker, Jr. (R-CT).

Representatives include Berkley Bedell (D-IA), Helen Delich Bentley (R-MD), William Boner (D-IN), David Bonior (D-MI), Barbara Boxer (D-CA), George Brown (D-CA), Terry Bruce (D-IL), Gene Chappie (R-CA), Tony Coelho (D-CA), Ronald Coleman (D-TX), William E. Dannemeyer (R-CA), Thomas Daschle (D-SD), E. (Kika) de la Garza (D-TX), Butler Derrick (D-SC), Richard Durbin (D-IL), Glenn English (D-OK), Steve Gunderson (R-WI), W.G. Hefner (D-NC), John Hiler (R-IN), Jerry Huckaby (D-LA).

Also Reps. James M. Jeffords (R-VT), Ed Jones (D-TN), James Jones (D-OK), Joseph P. Kolter (D-PA), Jerry Lewis (R-CA), Tom Lewis (R-FL), William Lowery (R-CA), Bob McEwen (R-OH), Jan Meyers (R-KS), Sid Morrison (R-WA), Austin J. Murphy (D-PA), Mary Rose Oakar (D-OH), David Obey (D-WI), Thomas P. O'Neill (D-MA), Charles Pashayan, Jr. (R-CA), and Tim Penny (D-MN).

Also, Claude Pepper (D-FL), Thomas E. Petri (R-WI), Matthew Rinaldo (R-NJ), Harold Rogers (R-KY), Charlie Rose (D-NC), James Schener (D-NY), Bill Schuette (R-MI), Richard Shelby (D-AL), Joe Skeen (R-NM), Ike Skelton (D-MO), Virginia Smith (R-NE), Olympia Snowe (R-ME), Arlan Stangeland (R-MN), Robert G. Torricelli (D-NJ), Bob Traxler (D-MI), Harold L. Volkmer (D-MO), Wes Watkins (D-OK), and Vin Weber (R-MN).

Penn-Jersey Tillage meeting

BETHLEHEM — The first Penn-Jersey Tillage Conference will be held, Tuesday, Feb. 4th, at Stabler Arena, Lehigh University, Bethlehem, Pa.

The Tillage Conference is sponsored by the Pennsylvania and New Jersey Cooperative Extension Service and Conservation Districts, The Soil Conservation Service, Dept. of Environmental Protection and Agricultural Industries.

The Program is scheduled to start at 9:15 A.M. and conclude around 3:00 P.M. Persons attending the conference will receive credit toward recertification as a private pesticide applicator. Keith Eckel, president of the Pa. Farmer Association will serve as moderator for a panel of farmers discussing no till crop production.

Conference tickets are available through County Extension Offices in Pennsylvania and New Jersey. The cost of meal tickets is $5.00. Deadline for tickets sales is January 21st. No tickets will be sold at the conference.

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I'm your Hoffman Seed Man. I'm also a farmer. This year I carry more information than ever on crop tests completed in our area over the past few years. More specifics about comparative yields, disease resistance, standability, and other factors important to you and your farm's profitability.

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This is the corn I plant. I can show you how new Funk's G-Hybrids . . . and established Funk's favorites . . . stack up for yield, standability, moisture content and disease resistance against hybrids you already know or use. We really can help you solve some of your productivity problems and help upgrade your yield levels.

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You need alfalfas, grass/legume formulas, soybeans and other crops that experience shows can meet and handle the problems of your area. I have varieties I think you just can't beat . . . or get . . . from anyone else. Your management, your experience . . . plus Hoffman seed. That's a tough team to beat.

I think I can help you harvest more profit from your farm.
Like I tell folks, with Funk's and Hoffman's you've got tons of advantages.

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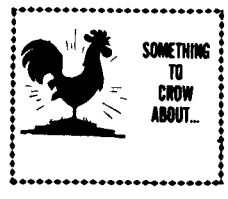

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Dairy Marketing

Promo contest deadline near

STATE COLLEGE — The Pennsylvania Holstein Association's 1985 County Dairy Promotion Contest is coming to a close. The completed report of dairy promotion activities conducted by the County Dairy Promotion Committee during the 1985 calendar year are due at the Pennsylvania Holstein Office by January 15, 1986.

Some things the report should include are the involvement of dairymen and agri-business in promotion efforts, resources used, resulting increases in community awareness in the use of dairy products, and proof that promotional activites are carried out on a year-round basis.

The Pennsylvania Holstein Association is offering $200 cash awards to the top three county groups who do the best job of promoting dairy products. There is also a $50.00 cash award to the group who used the most innovative promotion idea during the past year. These awards will be presented during the State Holstein Convention at the Sheraton Inn, Pittsburgh, February 22, 1986.

Be sure your county group gets its report to the Pennsylvania Holstein Association, 839 Benner Pike, State College, PA 16801 by January 15, 1986.

Order 4 milk set at $13.96

ALEXANDRIA, VA — Middle Atlantic Order Market Administrator Joseph D. Shine today announced a Class I milk price of $13.96 per hundredweight for February 1986. This prices is down one cent from January and is $1.34 below last February's Class I price.

Mr. Shine announced a Class II milk price of $11.26 per hundredweight for December 1985 and a butterfat differential of 16.0 cents for the month. The Class II prices was down one cent from the previous month, while the butterfat differential was unchanged.

The February 1986 Class I price and the December 1985 Class II price are based on the December 1985 Minnesota-Wisconsin manufacturing milk price of $11.18 per hundredweight at a 3.5 percent butterfat content.

The USDA reported that the wholesale price of Grade A butter at Chicago for December was $1.3912 per pound and the nonfat dry milk price was $.8058 per pound, f.o.b. plants in the Chicago area.

ADADC Maps $11.6 million for Milk Ads

SYRACUSE — 1986 will be a year of new program development for the American Dairy Association and Dairy Council (ADADC). ADADC, with offices in Syracuse, New York and Williamsport, Pennsylvania, conducts dairy product advertising and promotion programs for 20,000 dairy farmers located throughout New Jersey, New York and Pennsylvania.

During the coming year, ADADC will receive $11.6 million from local dairy producers in order to advertise dairy products in their tri-state area. This represents a five percent increase over 1985's budget, and compares to a national generic dairy promotion budget for 1986 of $200 million.

Since the majority of the milk produced locally is used for fluid products, ADADC will give milk top priority in the allocation of its media dollars. During the coming year, milk ads will focus on the theme, "Milk, America's Health Kick." New for 1986 will be the target audiences to whom the milk ads will appeal to.

In the past few years, milk ads have been targeted towards the 18-34 year old age group, representing 50% of U.S. milk drinkers. New funding opportunities will allow local dairy farmers to break down this audience into a more direct appeal. New ads have been developed which are directed at the Hispanic market and also the New York City population.

The new Hispanic ads have been developed in order to appeal to New York's significant Hispanic population. The size of the New York Hispanic community represents a major market segment that is unique because of their language and culture. The new ads adapt the current "Milk, America's Health Kick" campaign into the Spanish language.

The second new local ad campaign was designed to appeal to the New York City population between the ages of 18-34. The appeal is made through the use of a New York celebrity, Darryl Strawberry, all-star rightfielder for the New York Mets. Crews began work on filming the commercial in early December, and it is scheduled to air in time for this year's baseball season. It also follows the "Health Kick" theme.

These milk ads will be the basis for ADADC's advertising program during 1986. They will be supported through a variety of dairy product promotion programs as well as additional ads for cheese and butter.

Dairy sales gains during the last two years, are the largest in three decades. Forecasters have predicted sales to increase another one to three percent during 1986. Local dairy producers hope to boost these sales even further through the advertising and promotion programs carried out by ADADC.

Zook, Saner top Juniata DHIA

MIFFLINTOWN — Mark L. Zook of Mifflin earned top butterfat honors at the Juniata County DHIA banquet recently. His 52-cow herd of grade and registered Holsteins averaged 19,367 pounds of milk, 729 pounds of butterfat, and 622 pounds of protein.

Following the Zook herd was Donald Adams of R.D.1, Port Royal who achieved 19,224 pounds of milk, 711 pounds of butterfat, and 616 pounds of protein with his herd of 51 grade and registered Holsteins.

Rick & Ralph Saner of R.D. 1, Thompsontown achieved the highest milk production of 19,983 pounds and protein production of 646 pounds with their 49 registered Holsteins.

Jeffrey & Donna Pontius, R.D. 2, Port Royal received the most improved milk production award with an increase of 2522 pounds of milk over their previous year average on their herd of 27 grade & registered Holsteins.

Grand Hope Farm (John Cunningham & Sons), R.D.2, Mifflintown posted an average increase of 86 pounds of butterfat on their herd of 163 registered Holsteins to receive the most improved butterfat award for 1985.

Russell Dressler, R.D. 2, McAlisterville was recognized for having the lowest Somatic Cell Count average for the year.

In other DHIA action, David Noss, Port Royal and Harold Shearer, East Waterford were re-elected directors for a three-year term. Officers chosen for 1986 were as follows: President-Donald Apple, Vice-President - David Noss, Secretary - Arthur Zug. Other directors are Russell Dressler, Clark Simonton, and Charles Wochley.

Central Pennsylvania Dairymen Call

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The Dairy Business

By Newton Bair

Do they need our food?

I was horrified to read the headline in a recent issue of the Washington Post. It boldly proclaimed that "The World Doesn't Need Our Farmers", and went on to tell how more and more, the starving billions are feeding themselves, mostly without the help of American food.

Aside from the known pockets of hunger and starvation like Ethiopia and Somalia, many of the once poorer nations of the world like India, Bangladesh and even China with its hordes of people, are now able to not only feed their own, but actually export rice and wheat to other nations. How has this come about, and what does it mean for American agriculture?

Our national prosperity was built on the productivity of American farmers. We traditionally have relied on exporting 40 percent of our agricultural output to other nations, who had no other source of foodstuffs. We were the breadbasket of the world. But it seems that we are rapidly losing that title.

The reality is that the world is no longer divided between a handful of rich providers and a hundred starving Ethiopias. While the Third World is starting to feed itself, we suddenly, find that we are saddled with an abundance we can't sell, except at devastating losses. Our cost of production is higher than the World market is willing to pay.

One reason for the increased productivity of Third World nations is that they began to realize that their own farmers would respond to price incentives. Shown that they could make a profit from producing more, they quickly started using the technology that America had been demonstrating for years. Our technology has never been a secret. Better ways of doing things only need a profit motive to spark them into action.

We can argue that America has the natural resources and the established technology to continue to outproduce the poorer nations. But we cannot continue to do it at present world prices. The cost is too great. We have built our society on the motive of profit, and not on a subsistence - or - starvation base. Our bellies are still full, even if the bank account is empty.

Unfortunately, there seems to be a global recession, with debt problems plaguing the nations that could use our surpluses, but have no money and no credit. The strength of the American dollar keeps our prices higher than the prices of other nations competing for the food market. And there is a greater potential for that competition than we have allowed ourselves to believe.

Argentina has some of the richest land in the world, now in grass, but comparable to our prairie states if brought under cultivation. Brazil and China have vast areas of undeveloped land. But strangely enough, most of the increase in world productivity has not been from new land, but from increased use of technology. Grain yields are up worldwide, because of new seeds, chemicals, and the use of water for irrigation in arrid soils.

I have seen the wheat country of Montana, Idaho and Washington, when the wheat was piled in mountain high piles, just harvested from land that had grown nothing else for a hundred years, and had averaged over a hundred bushels per acre. I have a feeling that "We ain't seen nothing yet", when it comes to the potential in American soil and American enterprise and ingenuity. And some of that is going to rub off on our poor but observant neighbors.

The conventional wisdom in Washington is that a "Market Oriented Agriculture" will help to balance out our production surplus. We must realize however, that we are competing in a world market, not just a local market. We may have to adjust our thinking as well as our hopes for the future to what the world desires. Who needs our milk, meat and grain? And if someone needs it, can they pay enough for it to make us a profit?

Contest to give three free trips to conference

KEOTA, IA – An expense-paid trip to the 1986 American Agri-Women Convention in St. Paul will be awarded to the top three individuals who place in the American Agri-Women AG DAY PROJECT CONTEST sponsored by Deere & Co.

This contest is designed to encourage individuals to design their own Ag Day promotion, carry it through to completion, and then enter their project idea for award consideration. The decision to encourage individual, rather than group, projects was made in order to reach more consumers, via more projects.

In addition, to an expense-paid trip to the St. Paul Convention next November, the winners will become a part of the convention program when they appear as part of a panel discussion.

Entries will be judged in the following manner: 1) 50% - Number of consumers reached, 2) 35% - Creativity, 3) 10% - Originality, and 4) 5% - Cost effectiveness.

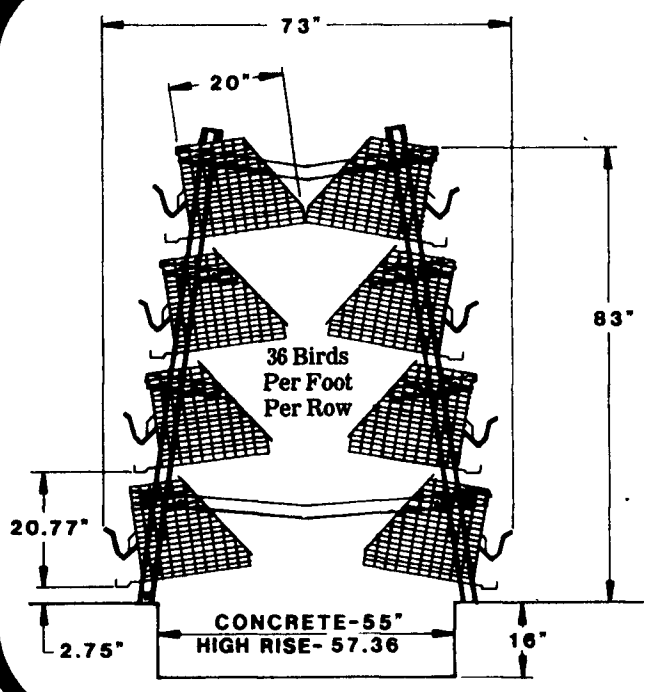
Entries must be postmarked by May 15. Mail entries to: Sandy Greiner, Rt. 2, Box 193, Keota, IA. 52248.

In the event of duplicate projects, the entry with the earliest postmark will be considered.

A.A.W. is grateful to Deere & Co. for the support they have shown our organization by underwriting this contest.

NEW from CHORE-TIME

20" deep SSS curtain back cage layer system



- Ideal for new construction or modernizing older cage houses
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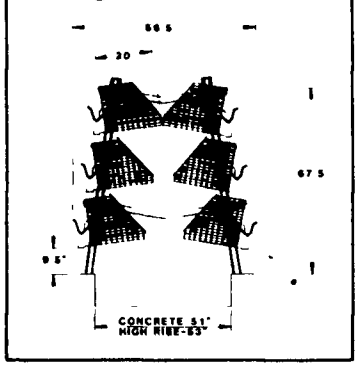
- Famous Galv-A-Weld cage construction with 10-year pro-rated warranty

3-high model available



Get The Only New Technology Available For Cage Systems

Chore-Time's new 20" deep SSS 4-high system puts 33% more birds into the same row lengths as old style 3-high systems - without dropping boards and without a need for greater building width. That means at 6 birds per 16"x20" cage (53.3 square inches) a 52'x536' building can house over 108,000 birds.

But, just as important, with this Chore-Time system you also don't have to sacrifice the features and benefits you've come to expect from Chore-Time: single file egg belt, our all galvanized, SOFT TOUCH® II egg collection, a gentle cage floor slope to prevent checks and cracks...rugged A-frame cage support and legs every 4 feet to protect against cage sag and trough wear and Galv-A-Weld (welded black then galvanized) cage construction for long, trouble-free life... a choice of feeding systems to help you take control of feed costs: Meal Master Feedkar (traveling feed hopper), M.T. (rotating Flex Auger), and NEW Ultraflex (80 ft. per minute circulating Flex Auger).

And, with Chore-Time feeding systems you can take full advantage of the new production-boosting, feed-saving MEAL-TIME® feeding method developed by Chore-Time. Our feeding systems are designed to minimize waste and provide each bird with fresh, Un-Picked-Over feed.

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CHORE-TIME

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Local Representative
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ZELLER AGRI SERVICE
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Serving all of agricultural, residential and commercial needs for pest control.

No job too large or too small.
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Watch for future ads for toll free service number. Until that time call, **717-362-3860** for service.

NJ vegetable meeting to address debt traps

NEW BRUNSWICK, N.J. – Tips on how Garden State farmers can avoid falling into debt traps and the vegetable industry's competitive position in the future are among topics to be covered in the New Jersey Annual Vegetable Meeting to be held Tuesday through Thursday, Jan. 14 to 16, in Atlantic City.

The event is sponsored by the Cooperative Extension Service of Rutgers University's Cook College and will be held in the Resorts International Casino Hotel. The meeting is the largest of its type on the East Coast and is expected to attract some 2,000 participants, said W. Bradford Johnson of Cook, program coordinator.

Presentations on sweet corn, sweet potatoes, small fruits, tomatoes, peppers and white potatoes will be held in addition to general sessions, said Johnson, a retired extension specialist in vegetable crops at New Jersey's State University. Special sessions also will be held on pest control, bedding plants and processing crops.

The Vegetable Growers' Association of New Jersey co-sponsors the meeting with the cooperation of the State Potato Association and the New Jersey Department of Agriculture.

An extensive trade show will be held in conjunction with the meeting, with over 100 exhibit booths spotlighting the latest in agricultural technology, equipment, chemicals and packaging techniques.

The opening session of the meeting begins at 9:30 a.m. Tuesday, Jan. 14, with welcoming remarks by Alan Ebert, president of the Vegetable Growers' Association, and Dr. Stephen J. Kleinschuster, dean of Cook College and director of the State Agricultural Experiment Station headquartered there.

David C. Sorensen, agricultural agent for Carroll County, N.H. and past president of the National Association of County Agricultural Agents, will deliver the featured address of the meeting at 9:45 a.m., discussing "Avoiding the Debt Trap."

State Secretary of Agriculture Arthur R. Brown will speak at 10:30 a.m. on his department's "Jersey Fresh" promotion program, a farm product marketing campaign aimed at increasing awareness and sale of New Jersey commodities.

He will be followed by a panel discussion of marketing techniques, including direct wholesale marketing, tailgate and roadside marketing, and the Vineland Produce Auction.

Tuesday afternoon's schedule includes a sweet corn session covering varieties for 1986, sweet corn diseases and insects, and the uses of computers in marketing.

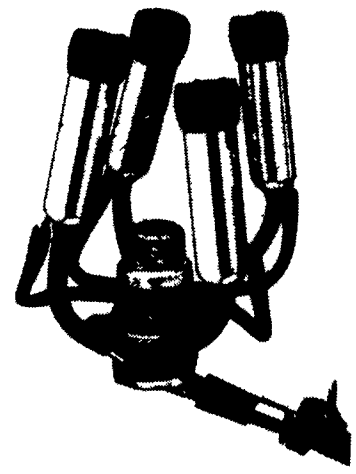
Also set for that afternoon is a program on agricultural plastics. Growers' will relate their experiences with plastics, and presentations will be held on new row cover materials, energy savings and drip irrigation systems.

Events on Wednesday, Jan. 15, open at 9:30 a.m. with a presentation on sweet potatoes from seed to supermarket. Topics include new varieties, replacement of worn-out planting beds, the use of storage structures, and strategies for advertising and for dealing with glutted markets.

The small fruit program will be held concurrently, including discussion of strawberry variety trials and bramble cultivars.

Wednesday afternoon's tomato-pepper session begins at 1:45 p.m.

(Turn to Page A39)



Fisher & Thompson sincerely thank our friends who have helped make 1985 a successful year. We hope in 1986 we can provide you with even better service for your dairy needs at our new location. We cordially invite you to stop at the NuPulse booth in the Dairy Barn at the PA FARM SHOW. We look forward to seeing you there.

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The Standard Milker is designed to operate with a single-line vacuum source for pulsator operation and milk removal eliminating the need for additional hoses or equipment

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Indoor humidity

MEDIA – When a house is sealed and heated during the winter months, indoor humidity drops. This happens because warm air has the capacity to hold much more moisture than cold air. Initially, the amount of moisture is the same for air both inside and outside. However, warm air, with its increased thirst, registers a drop in humidity and begins to steal moisture from its surroundings.

Dry skin, nose bleeds, chronic bronchitis, sinusitis and asthmas flare as respiratory passages to yield. moisture. To make your winter more healthful, Extension home economist, Greta C. Vairo, suggests adding humidity to the air you breathe.

Of the appliances being marketed for this purpose, authorities favor humidifiers over vaporizers. Humidifiers operates on the cool mist principle. They produce water droplets and may be used for sick room relief as well as for general humidification.

Because most standard vaporizers produce hot mist or steam, burns and scalds occur if physical contact is made with a hot unit. This can pose a problem during filling or in homes with small children. Newly marketed cool mist vaporizers, on the other hand, pose no such threat. They are highly effective when used in a sick room, but less energy efficient than humidifiers –when it comes to general household humidifying.

PUBLIC SALE

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Furniture - Guns - Glass - China - Jewelry - Miniature Steam Engine - McDeering Engine
Will be divided into 5 Separate Auctions
Mostly Collectibles and Antiques
Please Note Dates:
SATURDAY, JAN. 18 at 9:30 AM
WEDNESDAY, JAN. 22 at 5:30 PM
TUESDAY, JAN. 28 at 5:30 PM
WEDNESDAY, FEB. 5 at 5:30 PM
SATURDAY, FEB. 15 at 10:00 AM

TO BE HELD AT THE WILLOW STREET AL STARR MEMORIAL BUILDING on Route 272 North.

SALE CONSISTS OF:

2 - 4 piece bedroom suites, solid wood; cherry side board; oak file cabinet, oak chest of drawers; approx. 8 marble top tables w/marble base on legs, unusual; 2 round extension tables w/boards; oak dresser w/oval drawer fronts; large cupboard; wall table; oak plant stand; 3 knee hole desks; G.E. 2 door refrigerator; floor lights, iron/brass/wood; 6 dressers; blanket chest w/drawer; 2 china closets; round table pedistool; Victorian love seat; crocks, all sizes, some w/lids, blue feathers and numbers; 2 mantle clocks; lot of needle work; lot of linens and towels; iron floor light, No. 47 Salem Bros.; 10 muzzle loader guns; swords, bayonets; etc.; **1864 Springfield single shot w/bayonet and sling; 10 ga. double barrel muzzle loader punt gun;** smoking set; corner chair; 2 treadle sewing machines in cabinets; all kinds and sizes of picture frames; wooden smoke stand lined w/copper; 2 end tables; dresser table w/mirror; loads of old doilies; dresser scarfs; old baskets; 2 flatware boxes; old flatware, dated, etc.; kerosene lights; 2 large flower pots; 3 large coffee urns; **Rider Erission Miniature Steam Engine,** N.Y., Chicago, Boston trademark, unusual opportunity, sells Jan. 28; **McDeering gasoline engine;** a lot of jewelry; 12 plate setting Paris china; large fish aquarium on iron stand; No. 2 and No. 7 water crocks w/valves; steamer trunk; lots and lots of glass, depression/cut/carnival/ruby/etc.; all kinds of china, Bavarian/Austria/Fiesta; all kinds of decanters; loads of brass and copper items; amethyst; hershey glass; ink wells; high chair; rockers; all kinds of ceramics; sterling and pewter; lots of World War II items; Nippon.

A lot of unusual items!

You have to see this to believe it— Many, many items not listed

Estate Of: FRANCIS BECKER
Auctioneer: Steve & Steve Jr. PETERSHEIM:
717-786-4624
Lic. #AU-001349-L
Proprietor: Charles E. Kauffman

AUCTIONEER'S NOTE: Plan to attend all 5 - Each sale will be assorted items.

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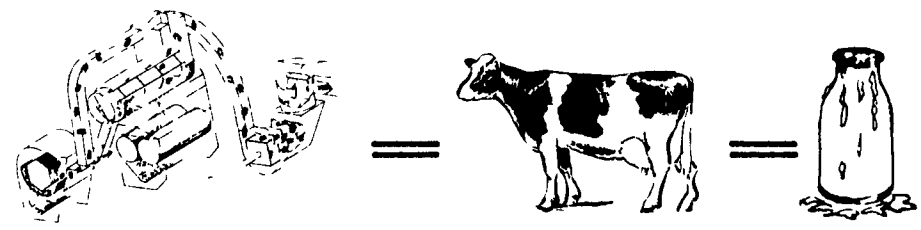
Dairymen Who Have Changed To Textureated Feeds Get Better Results



TEXTUREATED FEED = QUALITY IN = $$ OUT

What Is Textureated Feed ?
High Quality Coarse Feed. Kernels Cracked Without Fines.
Cobs & Husk Ground For Maximum Digestibility.

Dairy Farmers Using Textureated Feed Have Increased Profits And Better Utilized Home-Grown Feeds.

"Using the Textureator gives me flexibility that I didn't have before. Flexibility to blend a specialty feed at a low cost. Flexibility is one of the most important advantages as far as I am concerned. Flexibility to better utilize our home grown feed." *Richard Fox, Dairy Farmer*

"My butter fat was holding at 3.55 before I went to Textureated feed. Now, it never goes below 3 70, and it is usually between 3.8 and 4.0 On my 40 cow herd this means over $4,000.00 a year more on the milk check." *J.Wilmer Conrad, Dairy Farmer*

MOBILE OR STATIONARY

THIS NEW MILL FEATURES:
- Textureated Ear Corn Milling • Hammer Mill
- Roller Mill For Shelled Corn And Small Grains
- Electronic Scales • Vegetable Oil • Molasses
- "Texture Saver" Two Ton Hydraulic Mixer

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Vegetable meeting

(Continued from Page A38)

and covers packing for higher profits, disease and weed control, pepper transplant production, and variety trial results for bell peppers, processing tomatoes and fresh market tomatoes.

The potato program, which runs concurrently, will review activities of the State White Potato Council and look at potassium nutrition, federal crop insurance, and variety development and yields. Three separate presentations will be held on the Colorado potato beetle, the foremost insect pest of potatoes in New Jersey.

A dinner show Wednesday evening will include the presentation of awards to those who have made outstanding contributions to the state's vegetable industry.

The vital subject of pest control will be examined beginning at 9:30 a.m. Thursday. Reports will be presented on insects and weeds affecting vegetables, including the 1985 squash and cucumber virus epidemic in the state.

The bedding plant program, to be held the same morning, will cover insect control, growth regulators, and "Getting Started with Plugs," a planting system that has come into use for bedding plants in recent years.

Thursday's general session begins at 1:45 p.m. and will consider the state vegetable industry's competitive position in future years. Also under discussion will be the federal Perishable Agricultural Commodities Act, skin exposure to pesticides, vegetable fertility and vegetable variety evaluations.

The processing crops program will be held concurrently and cover integrated pest management, freezing of vegetables, tillage problems, the nutrition, culture and spacing of snap beans, and methods of improving plant stands in spinach and other vegetables.

A $20 registration fee will be charged for attending all or any part of the meeting. For additional information, contact Johnson at (201) 932-9395.

Weekly Summary

(Continued from Page A2)

2250 lb. 42.00-48.75; No. 2, 900-1550 lb. 38.00-44.00.

FEEDER CATTLE: Med. & Large No. 1 steers 350-700 lb. 50.00-59.00; Med. & Large No. 2, 400-750 lb. 40.00-51.00; heifers Med. No. 1, 350-750 lb. 41.00-48.00; few Med. No. 1 bulls 400-600 lb. 46.00-58.00; up to 950 lb. 35.00-40.25.

CALVES: 4174. Compared with 2721 head last week and 2074 head a year ago. Vealers highly uneven; few Prime 95.00-111.00; Choice 76.00-98.00; Good 60.00-85.00; Standard & Good 110-130 lb. 45.00-60.00; 90-110 lb. 40.00-50.00; 65-85 lb. 30.00-45.00; Utility 50-105 lb. 25.00-39.00.

FARM CALVES: Holstein bulls 90-130 lb. 45.00-120.00; mostly 70.00-100.00; few heifers 90-125 lb. 40.00-70.00.

HOGS: 5604. Compared with 4374 head last week and 4337 head a year ago. Weak to 2.00 lower; No. 1-2, 210-245 lb. 45.50-49.50; No. 2-3, 220-250 lb. 44.50-47.00; No. 2-4, 220-285 lb. 42.50-44.75; No. 1-3, 140-200 lb. 34.00-39.50; sows steady to 1.00 lower; No. 1-3, 300-585 lb. 35.00-39.50; No. 2-3, 300-650 lb. 33.00-36.50; boars 25.00-34.00.

FEEDER PIGS: 1402. Compared with 85 head last week and 560 head a year ago. Steady to strong; 20-35 lb. 17.00-29.00; 35-50 lb. 22.00-38.00; 50-85 lb. 29.00-45.00; all per head.

3 GRADED FEEDER PIG SALES: 2468. Compared with 1435 head last week and 1115 head a year ago. Uneven; mostly weak to 15.00 lower; No. 1-2, 20-40 lb. 65.00-81.00; 40-50 lb. 62.00-93.00; 50-60 lb. 46.00-90.00; 60-80 lb. 52.00-82.50; No. 2-3, 30-45 lb. 48.00-67.00; 45-55 lb. 57.00-72.00; all per hundred weight.

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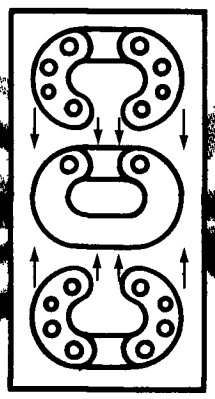
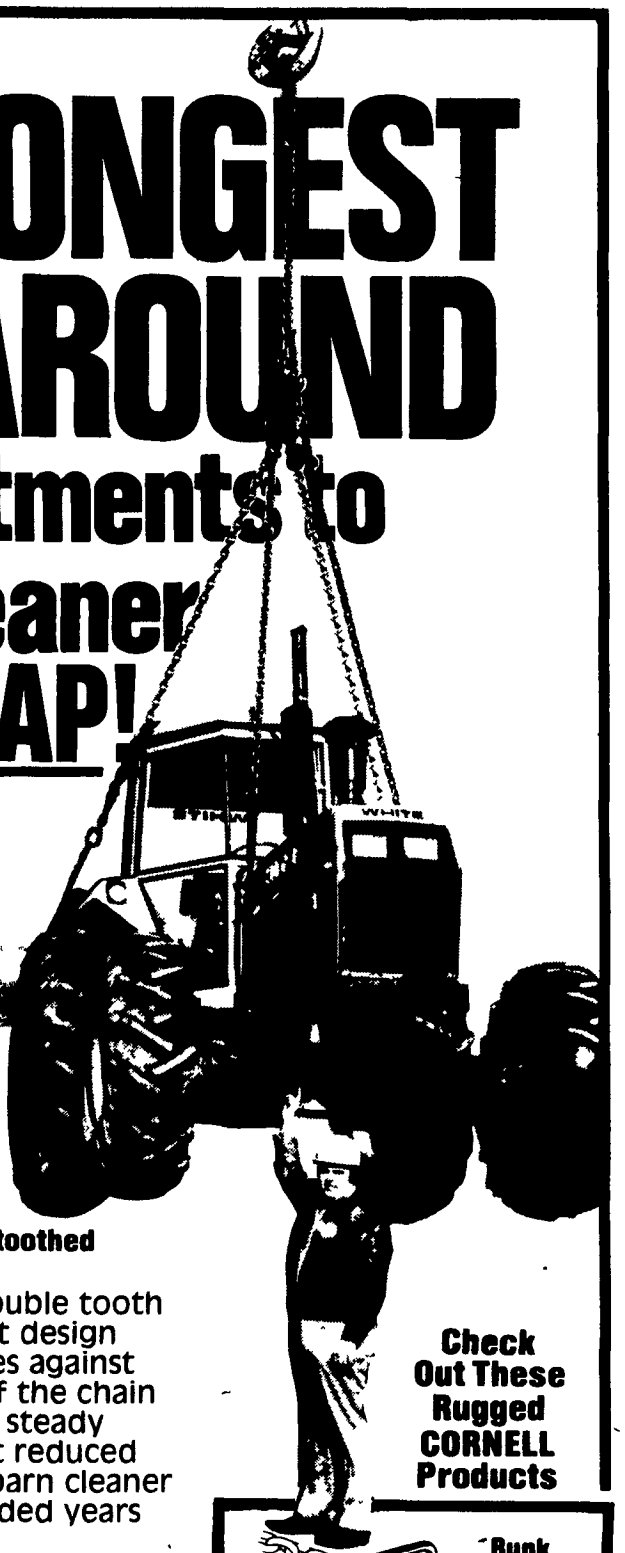


Forged connector links make chain adjustments easy



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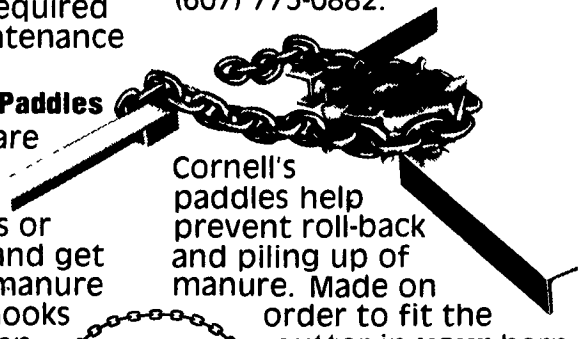

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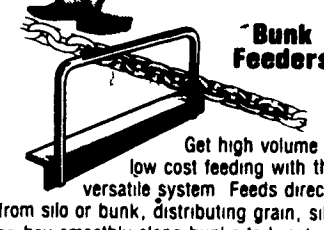

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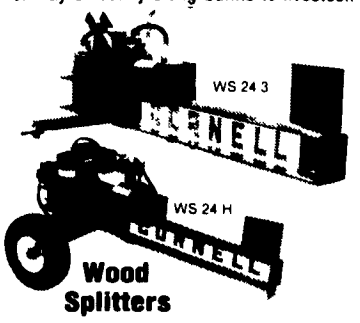

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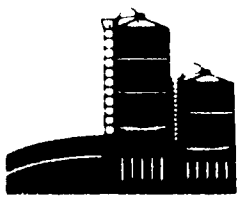

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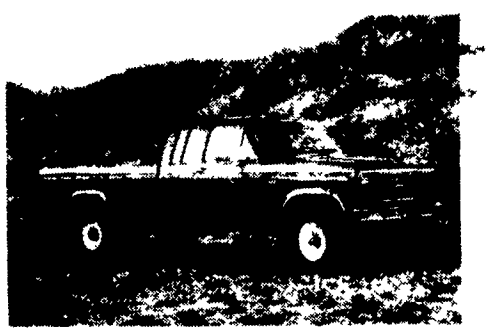

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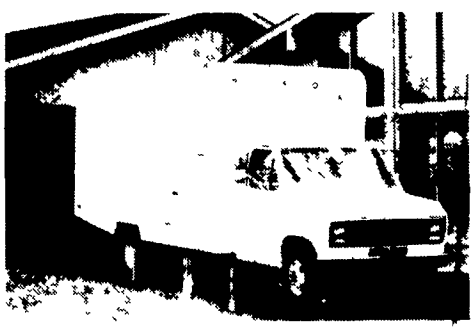

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Farmers rebuild in tornado's wake

Bruckharts count themselves among the lucky

BY MARGIE FUSCO
Staff Correspondents

WATSONTOWN — When the May 31 tornadoes took their barn and part of their house, it was the second disaster to befall the Bruckharts in less than a year.

Glenn was working hours away in Lancaster than night. Ruth was home with sons Lamar, then 13, Loren, 11, and Linwood, 6. Daughter Lisa, 16, was out with friends.

Ruth recalls the lightning as she put her younger sons to bed upstairs in the hundred-year-old farmhouse. The flashes were everywhere, like a fireworks display. Then came the rain, and with it the winds.

One gust blew the front door open. Ruth and Lamar struggled in vain to close it, and as the hail pelted in, Ruth realized it was no ordinary storm. She ran upstairs and brought the boys from bed to the front foyer.

Seconds later they saw the ancient trees in the front yard lifting up. One crashed through the front gable, driving through two layers of brick as if it were paper. Ruth remembers seeing bricks and a beam fall into her daughter's bedroom at the head of the stairs. The wind sheared through the roof opening and the rear gable wall collapsed as well, leaving only the steeply pitched roof.

"Someone said there was one gust that lasted about 45 seconds, then maybe 15 seconds of silence, and another gust," Ruth says. "I don't remember that. All I remember is that it seemed to go on for hours."

When the winds died at last, the boys ran to a window. "Hol-ee," Lamar exclaimed, "The barn's gone." There was nothing left of the hundred-year-old structure but the silo.

A neighbor was there in a few minutes to make sure they were all right. Ruth didn't realize the amount of damage to her home until morning, but she knew immediately they weren't alone. "We could hear sirens and see lights," she says. "We knew we weren't the only ones hit."

Downed trees blocked the road and power lines made the going dangerous. By the time the neighbor persuaded Ruth to bring the boys to his house, they could hear a borough work crew trying to clear the debris from the highway.

Ruth remembers hearing their radios crackle messages," Send help...We have a girl missing...We need more help." That's when she knew she was among the lucky ones.

Some days earlier, she hadn't felt so lucky. She and Glenn had moved north from Lancaster County eight years ago to find good farming land. They located 110 acres with a fine old barn and house. But they also found high interest rates, high costs, and the squeeze between low market prices and uncooperative weather.

On July 13, 1984 they were forced to disperse their dairy herd in a sale. "That was a black day for us," Ruth says. "We're still trying to recover from it."

Glenn went to work in Lancaster because there were few jobs to be had locally. Ruth eventually found a job, just two months before the tornadoes hit, at a local college.

Ruth was touched that the college paid her for the two weeks she took off work after the tornadoes. They also took up a collection at work and presented the money to her. She was touched as well by the support that came from members of her church and from others in the community.

The morning after the disaster, Ruth returned to her home around 6:30. Not long afterward, about 75 members of her Mennonite church appeared on the property, eager to help her clean up.

They worked all that day and the next, Sunday, despite their religious commitment to rest on the Sabbath. "I guess they were doing what had to be done," Ruth recalls. By Sunday evening they had the house enclosed again.

The barn had to wait longer. It was added to a list kept by the Disaster Service, with working farms getting priority. Finally on Labor Day weekend, the Bruckharts' barn was raised. Ruth recalls that for a while, the vacant space was a painful reminder of the farm they'd lost twice.

Now the barn is up. Glenn has a new job in Williamsport, a few miles away, and he's holding tight to the hope that the stately family will be able to go back to farming one day.

With the house nearly completed and the barn up, the disaster sometimes seems distant. But Ruth notes that the stately trees are gone from the front yard, and now the wind whips around the house as never before.

During a recent morning of high winds, Ruth was in the house alone. The wind blew in the plastic that covered the sashless second-floor windows.

Ruth found herself in terror, reliving that night. Near hysteria, she called the housing contractor, who came immediately and put plywood over the window spaces.

"You think you're over it until something like that happens," she says. "Then you realize it's going to take a while."

Today a brace of oak saplings have been set into holes in the front yard. They look puny against the single old tree that stands in the eastern corner. Time, Ruth knows, is needed for the wounds to heal.

The Bruckharts pose on their front porch. Rear from left, are Lisa, 16, Ruth, and Lamar, 14. In front is Linwood.

Neighbors rush to help

The Bruckharts, the Foresmans, and 160 other families in the upper Susquehanna Valley would like to say thanks.

Only a few hours after tornadoes struck the corner where Lycoming, Union and Northumberland Counties meet at the Susquehanna's West Branch, help was on the way.

Aladean Weaver of Watsontown was one of many local people who hurried to help. The morning after the disaster, June 1, 1985, she was working in the temporary kitchen set up in a firehouse by the American Red Cross.

"We were waiting for food donations from local restaurants, when all of a sudden cars began pulling up," she recalls. Women got out of the cars and came into the firehouse, each one carrying something.

In those early hours there were gifts of food brought by the Amish and Mennonite women of nearby Mifflinburg, including 25 pounds of home-churned butter, gallons of strawberries and corn, enough to provide meals for the workers and for families in need during the disaster.

In subsequent days, groups began to pour into the area. Not only did they contribute to the meals the Red Cross prepared and served during the clean-up. They also came to work. Groups came from Lancaster and Lebanon and even as far away as Ohio. And they kept coming until the work has done in November.

Many came through the Mennonite Disaster Relieve Service and worked in cooperation with the Northumberland County Farmers Association. They brought hay, moved grain, and found shelter and feed for livestock for the approximately 80 farm families hit by the disaster. They also brought their skill to clear land and rebuild houses, barns and other buildings for anyone who'd lost property or sustained damage.

I Ray Zimmerman of the Eastern District Mennonite Disaster Service, who coordinated the effort, notes that many of them took time off from their jobs without pay or used their vacation time or left their farms in someone else's hands to come help strangers As he resumed his own contracting business in November, Zimmerman admitted that he hadn t kept specific records on the number of workers who came.

"I just know there were always enough people to do what was needed," he says. Red Cross records show that more than 8,000 meals were served to the work crews from June 1 until mid-August, when the majority of the work was done.

"There's no way we could know them all," says Bob Foresman, Jr. "There were so many people, especially during the first weeks But we're grateful to every one of them."

Foresmans start the year with new hope

BY MARGIE FUSCO
Staff Correspondent

WATSONTOWN — Bob Foresman, Jr., made a New Year's resolution: No more bad luck in 1986.

He has reasons to be hopeful now. His herd is up to 120 cows and heifers. He has a new house, a new barn, a new garage and two new storage buildings.

But a collapsed corn crib in front of the barn and twisted siding and heaps of splintered wood out back are solemn reminders that things were not as bright seven months ago, when tornadoes destroyed the family home, barn, and outbuildings.

The Foresmans, with plenty of help from visiting work crews, have rebuilt. Their "new" farm is located on a knoll about two-tenths mile east of the original farmhouse. The knoll, which contained several buildings, was stripped by the tornadoes, but the Foresmans preferred to build on the higher ground since the original buildings were in the path of river flooding.

Looking west now, they can see the remains of the old farmhouse and the barn. Eventually the Foresmans plan to clear the area and install a shed and bunker feeder for heifers.

Bob Foresman, Sr., and his wife, Eleanor, have moved into a house in nearby Dewart, a move they'd considered in the past but felt hastened to make after the disaster. Bob Jr., and his wife occupy the new house on the farm property.

"We're still very lucky," Eleanor points out. They lost 30 head of cattle to the tornadoes, but of their pregnant cows fewer than half-dozen lost their calves. Their milk production levels have remained surprisingly even despite the disaster and subsequent moves and feed changes.

Their problems since the tornado have been mostly small, Eleanor says. The most bothersome ones have been with insurance companies. "Most folks don't think to take a lot of pictures or make notes in the first few days after a disaster," she says.

Bob Foresman, Sr. pauses for a moment in the heifer area of the new barn.

When one insurance company refused to believe the damage had been severe, she presented the adjustor with a copy of a "Lancaster Farming" article on their farm. "The next day he was ready to settle up," she reports.

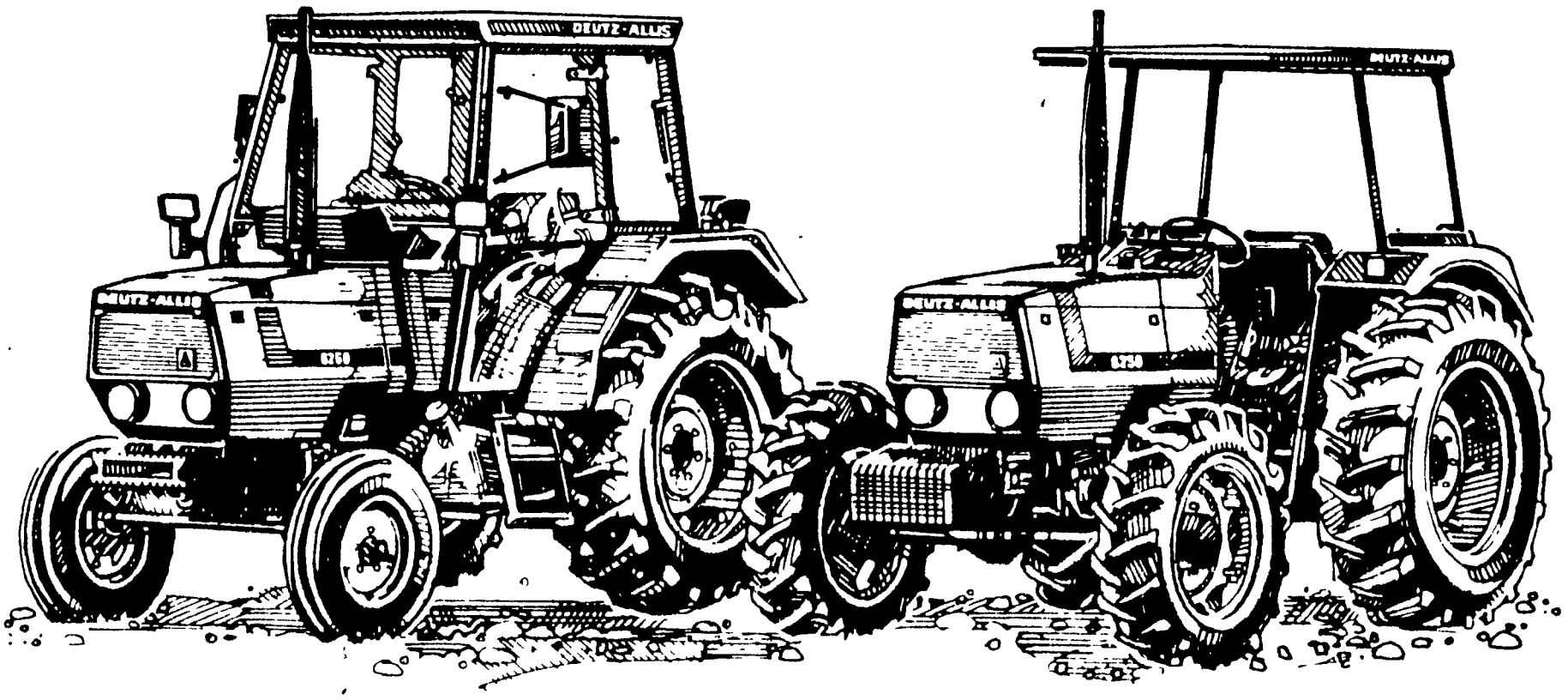
After the difficulties with the insurance companies, Bob Sr., is wistful about returning to the days when people depended on each other instead of insurance. "I admire the Amish and how they stick together to help each other out," he says. "The rest of us should take a lesson from them."

That admiration has been heightened by what he's seen in the past seven months. Although the Foresmans didn't get to know

(Turn to Page B4)

Homestead Notes

SEE THE NEW ADDITION TO THE DEUTZ-ALLIS LINE AT THE PA. FARM SHOW



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Foresmans

(Continued from Page B2)

everyone of the hundreds of people who helped rebuild the farm, they are happy to have heard from many of them.

"Some of them have been back," Bob Jr., says. "They brought their families to show them all that happened and how their work looks." He notes that some of the workers whose religious beliefs forbid owning a car hired drivers to make the trip from as far away as Ohio.

For the Foresmans, most of the bad luck seems in the past. Although a compressor broke this morning and the manure spreader isn't cooperating, Bob Jr., says things are generally working well and the new buildings are practically flawless.

As Bob Jr., talks, his dog Misty barks the cows to their feet in their stalls. Friendly and tail-wagging today, this is the same dog who quivered and snarled at reporters in the first days after the tornadoes. Although the dog seems normal now, Eleanor reports that, like humans, Misty becomes restless and anxious at the sound of a storm.

The summer storms are far away now. Misty, like everyone at the Foresmans', is busy working. In the comfortable new barn, an hours-old calf snuffles deeper into a warm sawdust pile and two more calves tied nearby welcome her into the world.

"Things are looking up," Bob Jr., says.

Ida's Notebook

Ida Risser

It is finally quiet again. At least as quiet as a dairy farm gets to be. The calves are bawling in their hutches and a big motor throbs in the milkhouse. But here in the house the only sound is the furnace blasting away and the grandfathers clock ticking.

For the past ten days, we have had house-guests from Tunkhannock, Pa., Atlanta, Ga., Old Town, Me. and Chicago, Il. Even if they were relatives, it did make a difference in our daily routine. Of course, I tried to cook each child's special favorite–everything from parsnips to coconut custard.

The Christmas tree remains and I shall have a difficult time removing it. It is a large, perfect, white pine that just touches the ceiling. If I keep it watered, it will hold it's needles for a long time.

All of the gifts have disappeard from under the tree except my husband's and mine. He got a solid steel unbreakable vacuum bottle, three shirts, candy and a rechargeable cordless light. My pile includes a camera, blouse, pajamas, photo album and candles. The biggest gift, in size, is a picnic basket with a set of bright red dishes inside together with a tablecloth and napkins. The smallest, in size, is a gift certificae to two restaurants.

We cut and wrapped a 40-pound block of cheese as our Christmas gifts to others. Then we in turn were given a big box of assorted cheeses. We'll be well supplied for a long time.

The tables have been returned to their normal size and the extra chairs have been carried to the attic. The washing machine can return to its usual number of loads per week–no more loads of towels. Now, maybe I can do a little genealogy research and finally finish a braided rug that I started last spring.

Twin Valley FFA wins silver in BOAC Contest

ELVERSON – Members of the Twin Valley FFA returned from the 58th national FFA convention in Kansas City, MO with a silver emblem award in the National FFA Building Our American Communities competition.

The Twin Valley chapter was judged the best BOAC chapter in Pennsylvania during competition last summer.

The BOAC program recognizes an FFA chapter's community activities. BOAC awards are presented on area, state, and national levels. Twin Valley's application described activities such as working with area retirement homes, presenting educational programs on agriculture to elementary students of the Twin Valley District, providing petting zoos for surrounding areas, working with the Berks County Farm-City Week Council, and sponsoring an American Agriculture Day Breakfast for Twin Valley area farmers, agribusinessmen and school staff.

BOAC winning chapters were recognized in Kansas City by Vance Clark, administrator of the Farmers Home Administration, U.S. Department of Agriculture, and Laird Wilson, vice-president, Del Monte Corporation.

National award-winning chapters were invited to a special banquet by Reynolds Industries of Winston-Salem, North Carolina (parent company of Del Monte).

National winning chapters also received convention recognition and received a plaque in recognition of their accomplishment. Twin Valley Chapter has been recognized for its community activities 10 times on the area level and four times on the national level.

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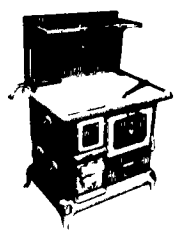

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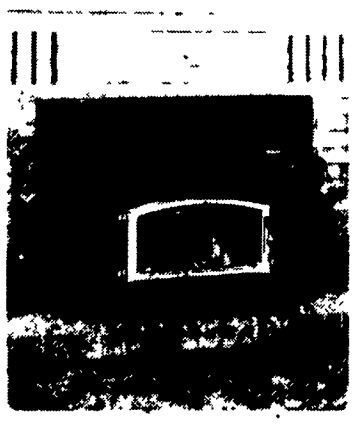

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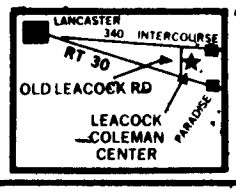

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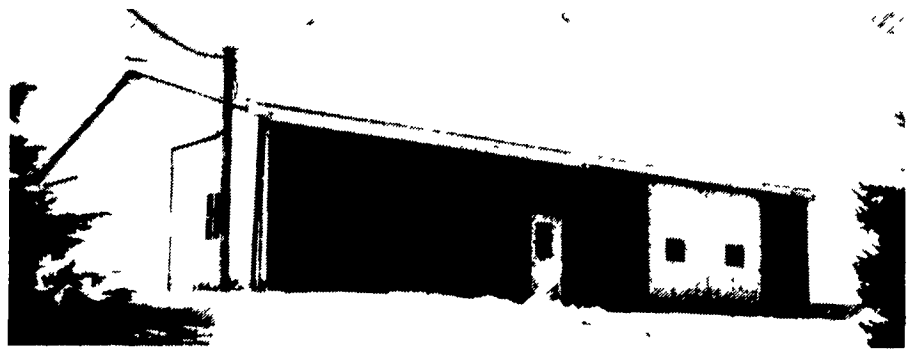

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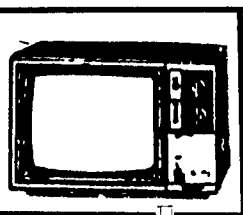

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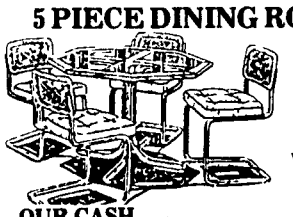

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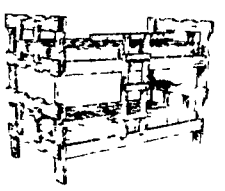

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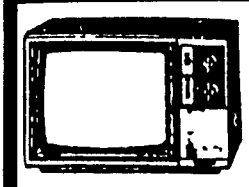

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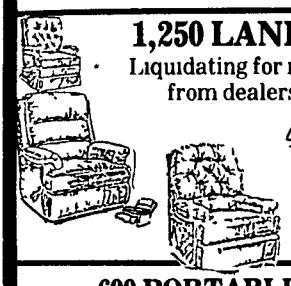

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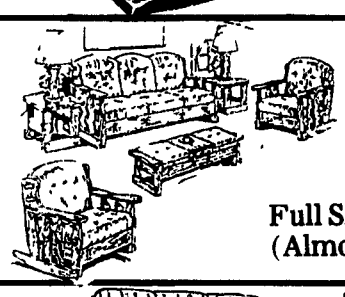

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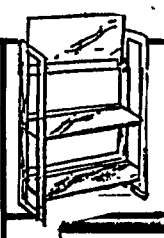

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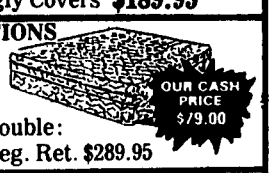

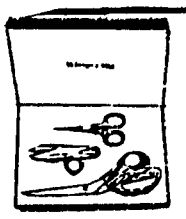

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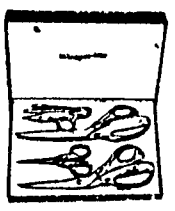

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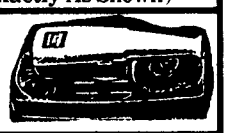

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On being a farm wife -And other hazards

Joyce Bupp

Question: What's old, but new— close, but far away— huge, but tiny— the same but different— visible on probably every farm in the country— and not likely to be found at the Pennsylvania Farm Show, showcase for big, new agriculture phenomena?

Why, Halley's Comet, of course.

Some weeks ago, I began amassing newspaper clippings on how to locate this outer space visitor that comes around only every 75 or 76 years. After all I don't expect to be here the next time.

What concerned me was that my knowledge of constellation location centered solely on being able to point out the Big Dipper—unless you can count recognizing the moon when it comes up over the alfalfa field.

Fortunately, the junior farmer of the family is of junior high planetarium studies age, and was able to get a sneak preview on the comet's early December sky stage appearance.

For a couple of fruitless, chilly evenings, junior astronomer and shivering mother headed for a wide-open viewing spot in the darkness of the corn stubble. His three-wheeler allowed room for both of us to sprawl backward on a hard, cold hauling rack and focus our fieldglasses Heavenward in a neck-wrenching aerobics position. Even with consulting drawings by the glow of the headlight, we came up with empty lenses—comet wise.

Persistence eventually paid off, and one night I stood along on the hill in a stiff wind as a pinpoint of blur crossed the lens. Right where the map said it should be. Bingo!

Called out to share the observation, the junior skygazer focused on the area and grumbled a disgusted verdict: "Fuzzball! It's nothing but a fuzzball."

Still, cometmania has gripped hold of me, and every clear night magnetically draws me out beyond the house, lugging fieldglasses and the offspring's Christmas telescope.

It's still just a blur, but I'm learning. Here's what I've learned so far:

—the identification of Orion, the Pleiades, Pegasus, Aquarius (where Halley's is now), and a rough edge on the corner of the wagon shed where one can prop a telescope.

—not to gaze skyward while lugging feed, water and bottles to calves outside in hutches. You will not see the frozen hunks of manure and ice patches put there to surprise you by a joking Mother Nature.

—that beanbag chairs are super for comet watching, if you can sneak them away from the kids in the house. They're warm, wrap tidily around you, insulate against the frozen ground and put you at the ideal level for the dog to lick your chin just as you focus on the blur.

—lacking a beanbag chair, a woodpile is an acceptible alternative, provided the right-sized log can be found to prop one's head against.

—full grown cats should be discouraged from leaping to one's shoulder while one is concentrating fieldglasses skyward from the blackness of the back yard.

—kids even considering sneaking up behind one's mother and grabbing her around the waist while comet watching may be legally disowned.

—the paved road is NOT a good place on which to lie to scan the heavens, even if only 15.9 cars travel it weekly—not counting tractors. Paved roads are blessed with painful pebbles. Besides, what would the neighbors think?

—to just ignore teenage family members who poke fun at my sanity for standing out in subfreezing dark-of-night to "look for something you think you see only as a blurry fuzzball."

Remember. If only comes around one in a lifetime. And don't you want to tell your children, or your grand children, or your great grandchildren that, yes, you did see that incredible outer space iceberg visitor to our solar system?

Hally's Fuzzball.

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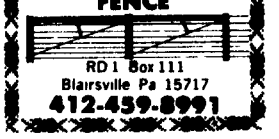

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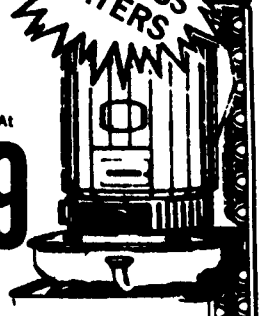

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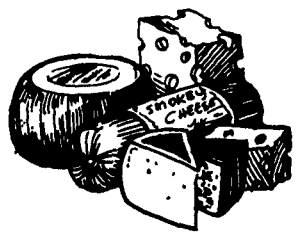

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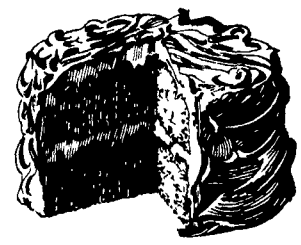

Slim down with low-calorie recipes

If you overindulged over the holidays and put on a few extra pounds, now is the time to cut back and lose them. And, while the idea of dieting may not seem so attractive, there are many delicious meals that don't have lots of calories.

Although it is probably best that you give away your remaining Christmas candy and excuse yourself from the table when dessert is served, your suffering doesn't have to be complete.

You can enjoy meals like Spaghetti Via Venito, Mushrooms Romanoff and Creamy Chicken with Asparagus and still lose weight.

SPAGHETTI VIA VENITO

½ pound ground beef
Salt
Pepper
2 cups vegetable juice
1½ cups eggplant cut in strips
1 cup green pepper squares
1 large clove garlic, minced
½ teaspoon Italian seasoning, crushed
2 tablespoons water
1 tablespoon cornstarch
4 cups hot cooked spaghetti

In large bowl, season ground beef with salt and pepper to taste; shape into 16 meatballs (1 inch).

In a 2-quart saucepan over medium heat, brown meatballs; spoon off fat.

Add vegetable juice, eggplant, green pepper, garlic and Italian seasoning; heat to boiling.

Reduce heat to low. Cover and simmer 10 minutes or until meatballs are done, stirring occasionally.

Meanwhile, in cup, combine water and cornstarch until blended. Gradually stir cornstarch mixture into sauce. Cook, stirring until thickened. Serve over hot spaghetti. Makes 3½ cups or 4 servings. 352 calories per serving.

MUSHROOMS ROMANOFF

Large skillet
1½ pounds fresh mushrooms
2 tablespoons butter
1 tablespoon lemon juice
½ teaspoon salt
1/8 teaspoon freshly ground pepper
2 tablespoons all-purpose flour
2 teaspoons dill weed
1 cup milk

Wash mushrooms and trim off tips of stems; drain well. In skillet, melt butter; add lemon juice, salt, pepper and mushrooms. Saute mushrooms about 5 minutes. Stir in flour and dill weed. Add milk. Cook over medium heat, stirring constantly, until thickened.

100 calories for 1 serving. Recipe makes 6 servings.

STRAWBERRY YOGURT SAUCE

1 8-ounce carton plain yogurt
1 cup sliced fresh strawberries
1 tablespoon sugar
¼ teaspoon almond extract

Place yogurt, strawberries, sugar and extact in blender container; cover. Blend until strawberries are pureed. Cover and chill 1 to 2 hours to allow flavors to blend. Serve over chilled fresh fruit of the season.

One tablespoon equals 10 calories.

SWISS BROCCOLI SOUFFLE

2 tablespoons butter
3 tablespoons flour
½ teaspoon salt
Dash cayenne
1 cup skim milk
1 cup (4 ounces) shredded Swiss cheese
4 egg yolks, slightly beaten
4 egg whites
¼ teaspoon cream of tartar
1 package (10 ounces) frozen chopped broccoli, cooked and drained

Preheat oven to 350°F. Melt butter; blend in flour, salt and cayenne. Remove from heat; gradually stir in milk. Heat to boiling, stirring constantly. Boil and stir 1 minute. Remove from heat and stir in cheese until melted. If necessary, return to low heat to melt cheese. Do not boil. Blend a small amount of hot mixture into egg yolks; return all to saucepan and blend thoroughly; set aside. Beat egg whites until frothy. Add cream of tartar and beat until soft peaks form. Fold cheese sauce into egg whites, then broccoli. Turn into unbuttered 6-cup souffle dish. Bake 40 to 45 minutes. Serve immediately.

One serving equals 199 calories.

SHRIMP DIVAN

2 10-ounce packages frozen broccoli spears
1 10-ounce package frozen, cooked, peeled and deveined shrimp
2 tablespoons butter
2 tablespoons minced green pepper
2 tablespoons minced green onion
2 tablespoons flour
½ teaspoon dry mustard
½ teaspoon salt
1½ cups skim milk
½ cup (2 ounces) shredded Swiss cheese
1 tablespoon chopped pimiento

Cook broccoli according to package directions; drain. Meanwhile, thaw shrimp according to package directions; drain. Place broccoli in buttered 2-quart rectangular baking dish. Sprinkle shrimp over broccoli; set aside.

Preheat oven to 375°F. Melt butter in medium-sized saucepan. Saute green pepper and onion until tender, about 3 minutes. Stir in flour, mustard and salt until smooth. Remove from heat.

Gradually stir in milk. Heat to boiling, stirring constantly. Boil and stir 1 minute. Remove from heat and stir in cheese until melted. If necessary, return to low heat to finish melting cheese. Do not boil. Pour sauce over casserole mixture, being careful to cover shrimp completely. Bake, uncovered, 20 to 25 minutes or until hot and bubbly around edges. Garnish with pimiento and serve immediately.

One serving equals 136 calories.

CHEESY EGG OPEN FACER

4 hard-cooked eggs, chopped
¼ cup dairy sour half and half
2 tablespoons chopped celery
2 tablespoons chopped green pepper
1 tablespoon sweet pickle relish
1 tablespoon prepared mustard
¼ teaspoon salt
1/8 teaspoon pepper
6 slices bakery-type white bread, toasted
6 slices (6 ounces) Mozzarella cheese
6 slices tomato

Combine eggs, sour half and half, celery, green pepper, pickle relish, mustard, salt and pepper in mixing bowl. Spread over toasted bread slices. Broil several inches from source of heat for 3 minutes. Remove from broiler and top each with a slice of cheese and tomato. Broil until cheese melts.

CREAMY CHICKEN WITH ASPARAGUS

Saucepan, 1½ quart
1 tablespoon butter
2 teaspoons all-purpose flour
2 teaspoons instant minced onion
½ teaspoon seasoned salt
1½ cups milk
2 cups chopped cooked chicken
1 cup (4 ounces) shredded Cheddar cheese

In saucepan over low heat, melt butter; stir in flour, onion and salt until mixture is smooth. Remove from heat; stir in milk. Heat to boiling, stirring constantly. Boil and stir 1 minute. Stir in chicken and ½ cup cheese. Heat just until cheese is melted and chicken is hot. Serve ½ cup creamed chicken over asparagus spears topped with 2 tablespoons cheese.

359 calories for ½ cup creamy chicken; 10 calories for 4 asparagus spears.

LOW-CALORIE MEATLOAF

14 ounces ground beef
4 ounces grated carrots
2 ounces celery, diced fine
1 ounce onion, diced fine
½ green pepper, diced fine
½ cup tomato juice
Salt, pepper, garlic powder, as desired

Combine all ingredients; pack into pan. Bake at 350°F. for about one hour, 10 minutes. Immediately pour off all liquid. Cool slightly before slicing. Serves 2 people.

Lucy Martin
Narvon

QUICK CURRIED TUNA

2 10½-ounce cans cream of chicken soup
1 8¾-ounce can crushed pineapple
¼ cup chopped green pepper
Onion to taste
1½ teaspoons curry powder
2 6½-ounce cans tuna, drained and broken in chunks
Hot cooked rice

Combine soup, undrained pineapple, green pepper, onion and curry powder in medium saucepan. Heat and stir to boiling. Add tuna chunks and heat thoroughly. Serve over hot cooked rice. Makes 6 to 8 servings.

Betty Biehl
Mertztown

Spaghetti Via Venito tastes so good you'll forget you're trying to lose weight.

BOSTON-COTTAGE TOSS

6 cups Boston lettuce
1 cup cream-style cottage cheese
⅓ cup chopped dill pickle
Onion to taste
Salt and pepper to taste
1 tablespoon low-calorie salad oil
1 tablespoon vinegar
2 hard-boiled eggs, sliced

In large bowl, season lettuce with salt and pepper. Add next four ingredients. Toss in oil and vinegar. Garnish with egg.

Betty Biehl
Mertztown

HAM AND CHEESE SALAD

Dressing:
1 cup lowfat cottage cheese
¼ cup chili sauce
2 tablespoons chopped green onion
1 teaspoon basil
½ teaspoon salt
1/8 teaspoon pepper

Salad:
1 cup (4 ounces) cubed cooked ham
1 cup green grapes, halved
1 8-ounce can pineapple chunks in unsweetened juice, drained
½ cup chopped celery
2 ounces Mozzarella cheese, cut into julienne strips
4 cups torn lettuce

For salad dressing, place cottage cheese in small mixing bowl. Beat on high speed of mixer until almost smooth, about 5 minutes. Stir in remaining ingredients. Cover and chill 1 to 2 hours to allow flavors to blend. For salad, combine ham, grapes, pineapple, celery and cheese in a large mixing bowl. Refrigerate, covered, until serving time. To serve, toss ham mixture with lettuce. Serve dressing separately.

One serving equals 223 calories.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Sue Keene, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

January	
18	Budget Casseroles
25	Beef Recipes
February	
1	Cherries

Featured Recipes

This week's featured recipe comes from Ethel Zimmerman of Lancaster. Each year, Ethel enters canned goods in the Farm Show and often garners numerous ribbons for her effort.

An avid cook, Ethel sells some of her homemade goodies at her market stand at Root's. Below are two of her favorite recipes.

To find out more about Ethel and her canning activities, turn to the story featuring her in this section.

Refrigerator Pickles

Fill wide-mouthed gallon jar with sliced cucumbers and four medium onions.
4 cups vinegar and water to taste
4 cups sugar
¾ cup salt
1 teaspoon celery seed
1 teaspoon mustard seed
1 teaspoon tumeric

Mix six ingredients together. Bring to boil and pour over vegetables in a jar. Cover with lid. Store in refrigerator. Ready to use in a day or two.

Date Pudding

2¼ cups boiling water
1½ cups brown sugar
½ tablespoon butter

Boil these ingredients together for three minutes. Let cool.

Dough:
1½ tablespoons butter
¾ cup milk
¾ cup brown sugar
1¾ cup flour and 3 teaspoons baking powder
½ cup chopped raisins
1 cup chopped dates

Mix all ingredients together. Bake in 350°F. oven until dough springs back when gently touched. Cut in blocks and alternate with whipped cream in dish.

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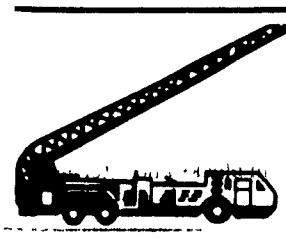

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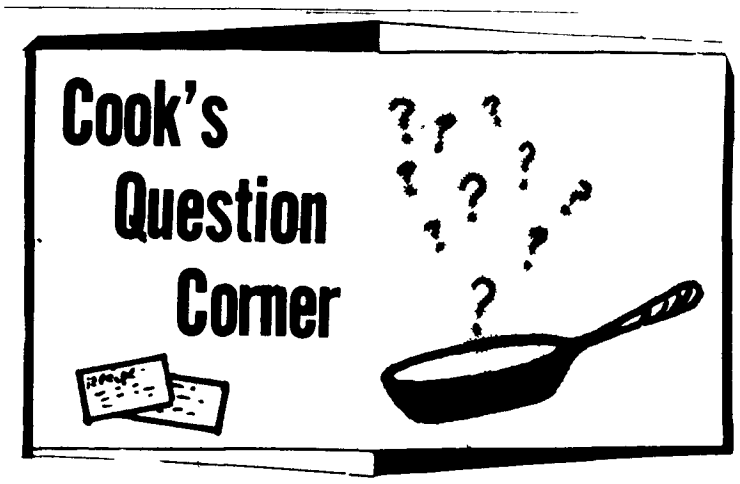


If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Mrs Charles Emerich, Summit Station, would like a recipe for Lepp cookies

QUESTION - Marie A Cairns, Honey Brook, would like a recipe for a sweet yeast dough that is out, deep fried and has an apple cutter filling. Can anyone help?

QUESTION - Dwayne Roland, Westover, would like a recipe for canning mushroom soup

QUESTION - Raymond Schreyer, Boyertown, is looking for a good recipe for rattlesnake.

QUESTION - Mildred Sickler, Falls, would like a nut roll recipe that makes four to six rolls

Dietary Guidelines recognize importance of calcium

CAMP HILL — The newly-published second edition of "Nutrition and Your Health: Dietary Guidelines for Americans" stresses nutritional priniciples of moderation, variety, and balance–long supported by the dairy industry and used as a framework for broad-based nutrition programs.

Though one description of the guidelines states that..."health depends on many things, including heredity, lifestyle, personality traits, mental health and attitudes, and environment in addition to diet, there is an overriding concern that, while diet modification may be in order for some individuals, there is no single "best diet" that can be recommended for everyone.

The guidelines are published by the USDA and the U.S. Department of Health and Human Services. Research findings, such as those contained in the guidelines, are interpreted through nutrition programs conducted by Dairy Council units, nationwide, says Dairy Council Inc., Southampton. Such programs emphasize the public's, individual needs, preferences, and diverse lifestyles.

The industry believes the recommendation to "limit intake of salty foods such as potato chips, pretzels, salted nuts, and popcorn, condiments (soy sauce, steak sauce, garlic salt), pickled foods, cured meats, some cheeses, and some canned vegetables and soups" should be placed in proper perspective.

One ounce of Mozzarella cheese containing 106 mg. of sodium can be defined as "low sodium." The FDA defines low sodium foods as containing 140 mg. or less of sodium per serving. Cheese provides a wide variety of nutrients in contrast to the limited number provided by pickles, pretzels, and potato chips.

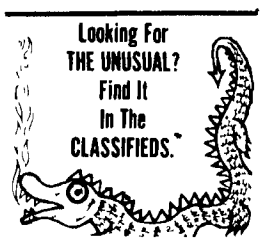
USDA data show milk, cheese, yogurt and other dairy foods contribute 74 percent of the calcium, 37 percent of the riboflavin, 21 percent of the protein, 20 percent of the vitamin B12, 20 percent of the magnesium and several other vitamins and minerals, but only 10 percent of the calories and 11 percent of the fat in the United States food supply.

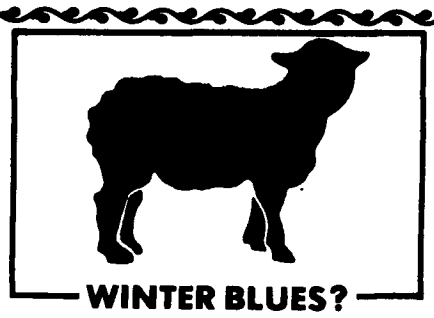
The industry does applaud the guidelines' recognition of the need for calcium and dairy products in its statement "Dairy products are major sources of calcium and many other nutrients. Recent research suggests calcium may play a role in preventing osteoporosis."

Dietary Guidelines for 1985

- Eat a variety of foods
- Maintain desirable weight
- Avoid too much fat, saturated fat, and cholesterol
- If you drink alcoholic beverages, do so in moderation
- Eat foods with adequate starch and fiber
- Avoid too much sugar
- Avoid too much sodium

It should be remembered, says Dairy Council, that the guidelines apply to healthy Americans–and not to those people who need special diets because of diseases or conditions interfering with normal nutritional requirements.





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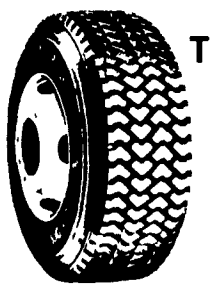

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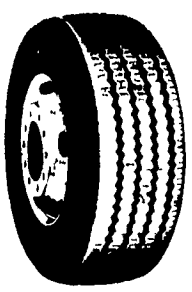

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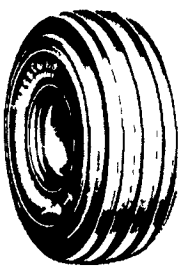

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Halley's: a star among comets

WASHINGTON — A "magnificient old conflagration," Mark Twain thought. When last seen, it was a fiery ball streaking across the night sky like some shooting star. Or so it was popularly believed in 1910.

Comet Halley has come back as a dirty snowball that barely moves among the stars from night to night. It is no less a marvel.

"The snowball theory cut down on the hysteria," says Fred L. Whipple, the renowned 79-year-old Harvard astronomer who in the late 1940s frist described comets as great masses of icy substances, embedded with cosmic dust or meteoric particles. They are probably the stuff of the origin of the 4.6 billion-year-end solar system.

Malevolent 'Broom Stars'

More has been learned about the nature of comets since Halley's spectacular 1910 appearance than in all the centuries since its first recorded sighting in 240 B.C. by the Chinese, who thought of comets as "broom stars" sweeping the heavens of evil and sending disasters down to Earth.

As much or more is expected to be discovered before Halley's next visit in 2061. Its 1986 passing, although among its dimmest, will be the most-watched astronomical event in history.

As part of the International Halley Watch, 950 scientists in 50 countries, 400 to 500 serious amateur astronomers, and 100 of the world's largest telescopes will be focused on the comet.

"We're even trying to cover the oceans as much as possible by setting up an island network, so we can get a record of observations every 15 degrees around the globe," explains Murray Geller, U.S. deputy director of the Halley Watch.

For the first time, a flotilla of spacecraft—two Russian, two Japanese, and one European—is speeding toward Halley's. The European Space Agency's Giotto mission is the most daring, targeted to come within 300 miles of the comet's nucleus on March 13 and take the first pictures of it U.S. spacecraft will be distant observers.

For most earthlings, the celestial show will be less than dazzling, because of the comet and planet's relative positions. In 1910, Earth nearly had a close encounter with Halley's tail. This time, when the comet is brightest in March and April, it will pass beneath the plane of Earth's orbit. On April 11, when it will be closest to Earth, it will be 39 million miles away. The best views will be south of the equator.

In the Northern Hemisphere, Halley's will be most visible in January after sunset and in mid-March before sunrise. (In December it looked like a fuzzy teardrop.) For best viewing, it is necessary to go to a hilltop beyond the range of the millions of city lights that astronomers complain have "polluted" the skies since 1910.

First Orbit Calculated

Of all the 700 to 800 known comets, Halley's was the first whose elliptical orbit around the sun was calculated and whose faithful return, every 75 to 76 years, was noticed and predicted. English astronomer Edmond Halley (rhymes with valley) first recognized the phenomenon in 1705. Proof didn't come until after his death, when a German farmer, an amateur astronomer, spotted the comet on Christmas night 1758, reappearing as Halley had foretold. Thereafter it has carried Halley's name.

Its fame, brightness, predictability, and long life (it shows no signs of "burning out") have made Halley's a star among comets in attracting scientific attention. Today the primary focus is on the head of the heavenly body and its icy nucleus, an irregularly shaped sphere estimated to be about four miles in diameter.

According to Whipple's theory, now generally accepted, a comet is a conglomerate of frozen substances: water, ammonia, methane, carbon dioxide, and hydrogen cyanide.

When a comet nears the sun, some ice evaporates, and the dust within it is blown off. Halley's already has lost some of its 1910 crust. A haze of dust, called a coma, forms around the nucleus. As a comet gets closer to the sun, its coma grows bigger, sweeping into a tail that may stretch millions of miles, always away from the sun.

A comet actually has two tails, which sometimes appear as one. Halley's tail may extend 50 million miles, but all its matter could fit into a suitcase.

A snowball in sunlight — some of its ice turning directly to gases — is really like a small jet engine, Whipple realized. When it leaves the sun, its tail shrinks, and it becomes a frozen ball once again.

Where do comets come from? They are thought to originate in the "Oort Cloud," a huge spherical shell that surrounds the sun at the outer reaches of the solar system. Named for the Dutch astronomer who first envisioned this comet nursery in 1950, the vast cloud is estimated to contain at least 100 billion orbiting comets.

Six Discoveries Annually

Comets remain there undisturbed unless the gravity of a passing star pulls them out toward the sun, making them visible from Earth. About a half dozen new comets are discovered each year, says astronomer Brian G. Marsden, director of the Central Bureau of Astronomical Telegrams of the International Astronomical Union.

"There may be a thousand times as many comets in an intermediate part of the solar system as there are in the Oort Cloud — perhaps a quadrillion," Marsden says. "It's impossible to know how many are out there. We have no way to detect them."

Comets are believed to be leftovers of the materials from which the sun and planets were formed. "Comets have spent most of that time in the deep freeze of outer space. They are the best way to find out about the origin of the solar system. We are placing our hopes on comets," says astronomer Jay M. Pasachoff of Williams College.

One of the most intriguing unanswered questions, Whipple says, is "the possibility that comets brought life-giving elements to the surface of the Earth...that some of the atoms in our bodies may have come from comets...that we ourselves are made of comets."

The Space Age has carried scientists closer than ever to a true understanding of comets. Ultraviolet-light detectors have shown that most of the icy nucleus is frozen water and that an invisible hydrogen cloud surrounds it. Radar has proved that the core is a solid snowball. Radio-tracking has revealed new molecules.

A spacecraft caught up with a comet for the first time last September, when the U.S. International Cometary Explorer flew through the tail of Comet Giacobini-Zinner.

The five spacecraft en route to March flybys of Halley's should send back clues about the size and appearance of its nucleus, the atomic composition of the chemical factory of gases close to the nucleus, and the amount of cosmic dust.

Possible Permanent Contact

Man may never again lose contact with Halley's. Cameras on the space telescope, to be launched in early 1987, possess the technology to "follow Halley's all the way out to its farthest point beyond Neptune," says John C. Brandt of the National Aeronautics and Space Administration. But, he cautions, "the cameras may not live up to expectations and may not be used for Halley's."

After Halley's—what? The next major breakthrough, Whipple says, would be snatching a piece of a comet and bringing it back to Earth. "If we could analyze the isotopes, we could answer a lot of questions about time, place of origin, and life-giving elements," he says. A second Giotto satellite may undertake such a mission.

NASA had plans, dropped from the 1986 budget, to rendezvous with a comet in the 1990s and fly along with it. There's even some talk of ultimately putting a man on a comet, possibly before Halley's return in 2061.

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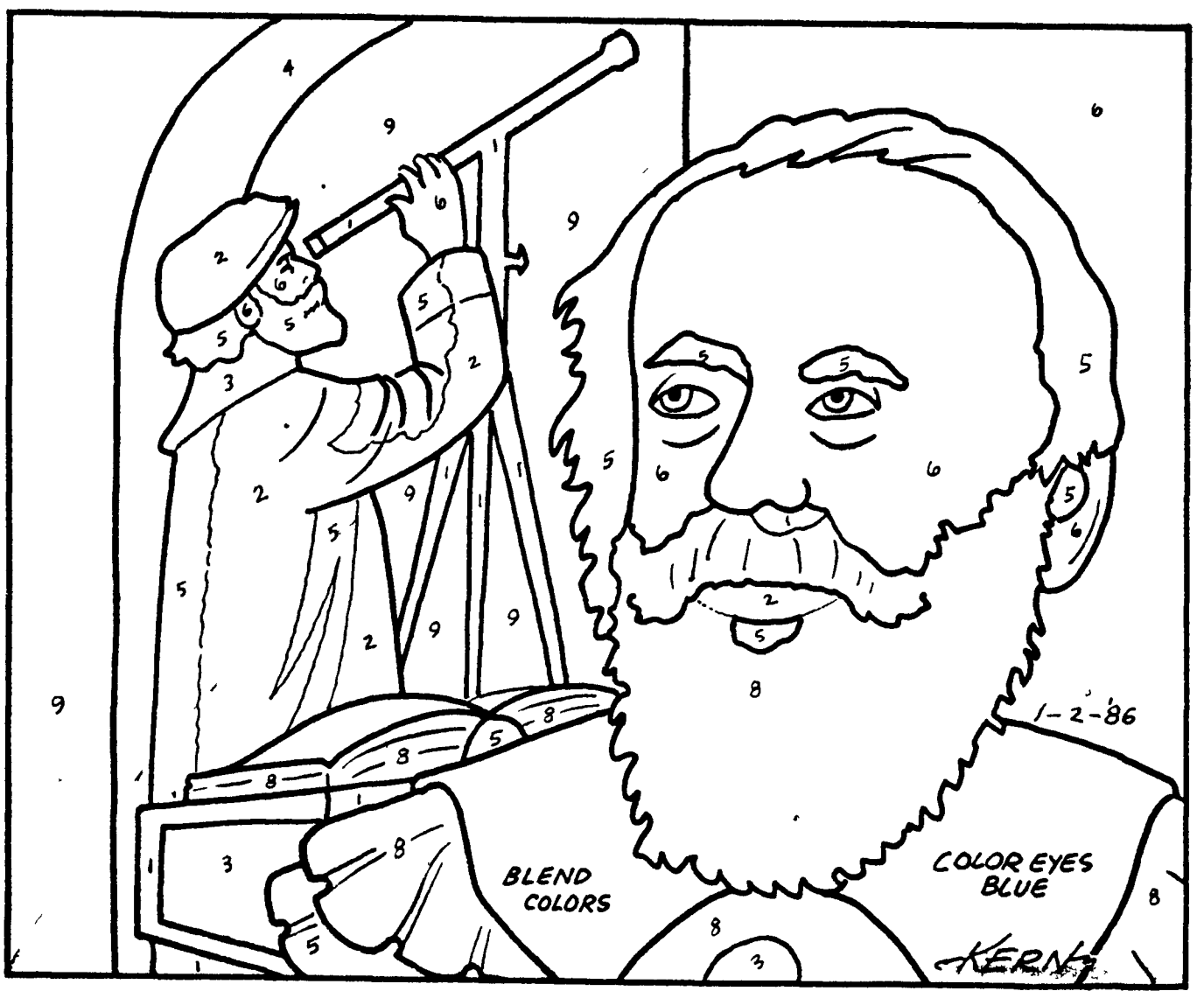

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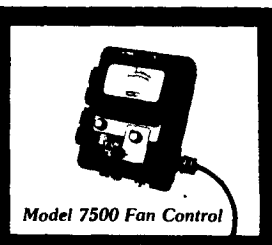

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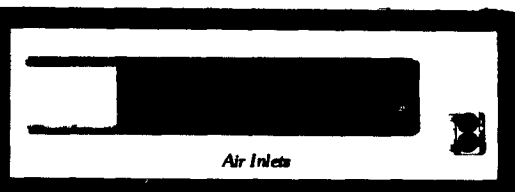

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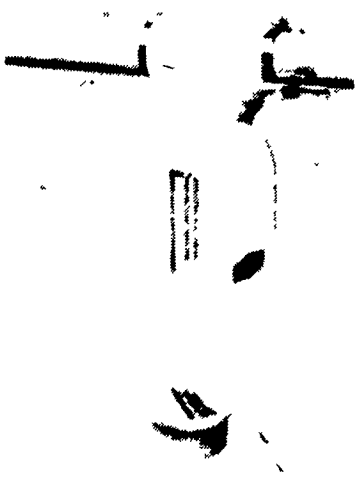

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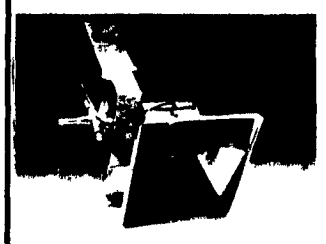

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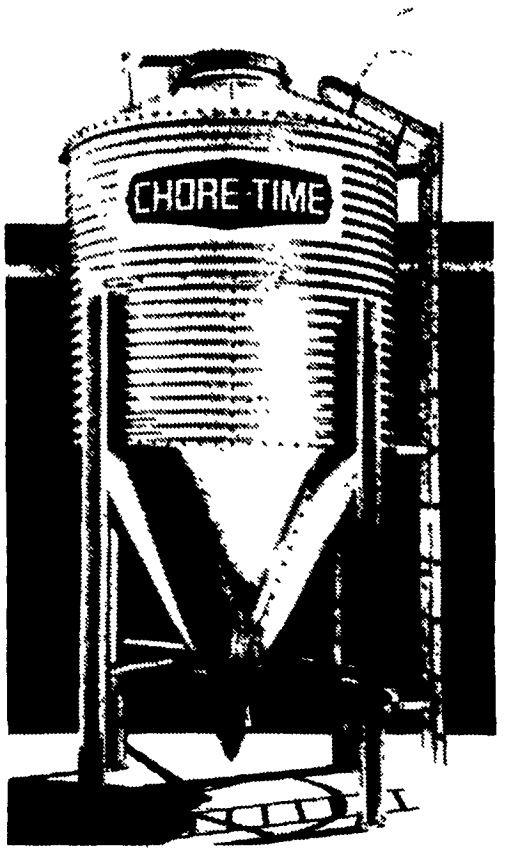

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THE MICRO WAY

LANI BLOOMER

Browning Grill Recipes

Browning grills are frying pans for a microwave. They are best for microwaving small quantities of food for one or two people. Appetizers, snacks, or a quick meal for one are other good choices for a browning grill.

If you have a grill and haven't used it much, try these recipes; they are a few of my favorites. The grill used to test the recipes is a large rectangle, with an 8x10-inch cooking surface. If your grill is much smaller, the cooking times might vary, and it will not hold as much food at one time.

The bread "frame" keeps the egg whites from running off the grill.

Framed Eggs

1 to 4 pieces of bread
Butter
1 to 4 eggs

1. Preheat the grill for 4 to 5 minutes.

2. Butter the bread lightly on both sides. Cut a 3-inch hole in the bread with a drinking glass or biscuit cutter. Cook the bread (both holes and frames) on high for 45 to 60 seconds on a preheated grill, until brown (time is same for any quantity).

3. Turn bread over, break eggs into the frames. Poke a hole in each yolk with a toothpick or fork. Cook for 1-2 minutes per egg, until desired doneness. Flip frames and eggs if desired, for over easy eggs. Serves 1-4.

If you want bacon with your liver and onions, cook a few slices on the grill after preheating it, but before you put the onions on.

Liver'n Onions

½ to 1 pound liver
1 to 2 onions (s), sliced
1 to 2 tablespoon(s) butter, margarine or bacon fat

1. Preheat grill for 5 minutes on high. Grease lightly with about half the fat, and place onion slices in fat. Microwave on high for 2 minutes, turn onions over. Microwave for 2 minutes longer until almost tender.

2. Sprinkle liver with salt and pepper if desired, but do not dredge with flour. Push onion slices to the edge of the grill. Use remaining fat to grease the center area. Place the liver on the grill and cook on high for 2 to 3 minutes. Turn meat over, and cook for 3 to 4 minutes longer, until no longer pink. Serves 2 to 4.

These browned cruncy appetizer sticks are a favorite with everyone who tries them. Like potato chips, you can't eat just one!

Cheese sticks

¼ cup butter or margarine
1/8 to ¼ teaspoon garlic powder (OR use ½ teaspoon garlic salt)
4 slices firm white bread, or slightly stale softer slices
⅓ cup grated parmesan cheese

1. Melt butter or margarine in a small bowl (high for 45 to 60 seconds). Stir in garlic.

2. Cut crusts from bread, and brush both sides with garlic butter (a 1-inch paint brush works best!). Sprinkle the cheese on a flat plate, and dip both sides of the buttered bread in the cheese, to coat.

3. Cut each slice of bread into 5 sticks. Keep sticks together by slices for easy handling.

4. Preheat a large browning grill for 4 minutes. Grease lightly when hot.

5. Arrange bread on grill (with a spatula, lift 1 slice of bread—5 sticks—at a time, and place on hot grill). Microwave on high for 1 minute. Turn slices over, lifting 1 slice at a time. Microwave on high, for 1½ minutes longer, until crisp and brown.

6. Remove to a serving plate, and cut apart any sticks that are stuck together. Serve immediately. Makes 20 sticks.

With a salad, this makes a fast meal for one. If your hamburger patty is frozen, microwave it for a minute or so to thaw it, before preheating the grill.

Quick Hamburger And Fries

¼ pound hamburger patty
Garlic salt
1 onion sliced, optional
1½ cups frozen french fries (handful or two)
1 hamburger roll

1. Preheat grill for 8 minutes on high. Sprinkle garlic salt on the hamburger patty.

2. Put burger and onion slice on grill at one end, and fries on remaining part of grill. The fries must be in a single layer, to be cooked evenly. Microwave on high for 3 minutes.

3. Turn burger, onion and fries over. Microwave on high for 2 to 3 minutes longer, until burger is done.

TIP: Roll can be grilled instead of some fries or the onion: Split and butter roll. Place on grill, buttered sides down when you turn food over.

Many convenience foods like fish sticks and frozen pizza are better if microwaved on a browning grill than on a plate, since they get crisp on the grill.

Frozen convenience potatoes, like hash brown patties or fries will be crisper if thawed in the microwave for 2 to 3 minutes before you preheat the browning grill. These will not be as crisp as when cooked conventionally.

Reheating Pizza

1. Preheat grill for about 5 minutes. Place pizza on hot grill.

2. For a whole, frozen 9 to 10-inch pizza, microwave on high for 5 to 6 minutes until cheese is hot and melted near center.

3. For frozen slices, microwave on high for 2 to 5 minutes, depending on size and quantity, until the cheese is hot and bubbly.

4. For room temperature or refrigerated pizza, microwave on high for 2 to 4 minutes, depending on size and quantity, until topping is hot and bubbly.

5. If desired, add more toppings or cheese to pizza before microwaving. Increase time slightly since you've added more ingredients.

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The Ford 1110 and 1210

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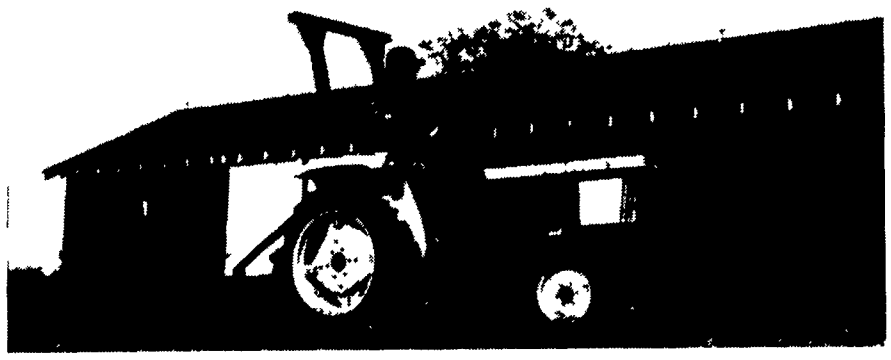

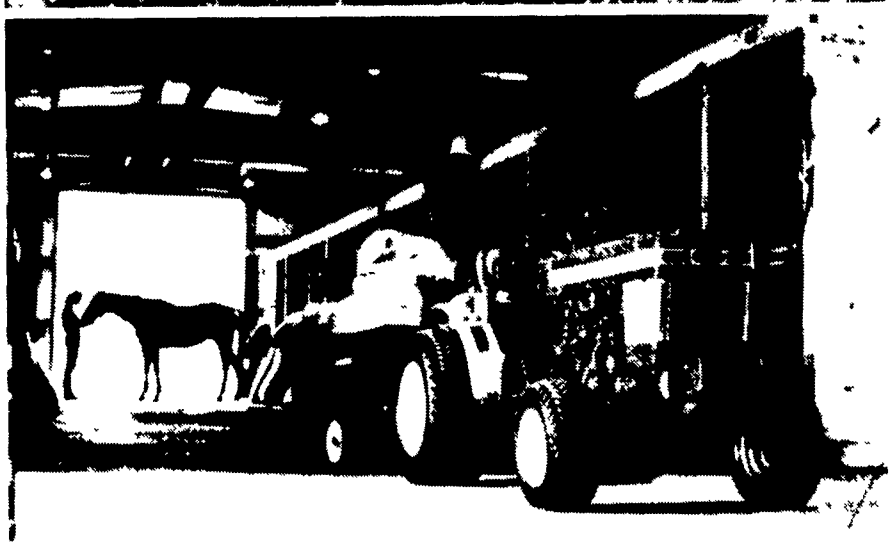

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Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

Adding the Final Touch to a Room

Accessories provide the finishing touch to a room in the same way that shoes, handbag and jewelry complete a costume.

But don't use all your accessories at once, just as you would not wear all your jewelry at the same time.

A room also looks cluttered when too many small accessories are scattered about. Instead, store some things, and occasionally change those you display.

Accessories are often purely decorative, serving an aesthetic purpose. But even primarily functional accessories such as lamps and pillows should be well-designed and blend in with the decorative scheme of the room.

Books and magazines are useful accessories that give a lived-in look to a room. Placed on a table near a chair or couch, they invite you to read. However, don't clutter your room with stacks of them.

Wall accessories aren't confined to pictures. Wood carvings, mirrors, sconces, clocks, rugs, stitchery hangings, old keys and even small items picked up in antique shops can all be used successfully on a wall, often in interesting combinations.

Accessories should appear in harmony with the space and furnishings around it. Don't hang it alone on a wall just to fill up an empty space.

Don't hang items too high. All wall accessories should be hung low enough so that they appear as a unit with other furnishings nearby.

Plants and flower arrangements also add interest to a room, but should not overwhelm the space. For example, consider the texture and proportion to the furniture they're placed on. The simple strong lines of a Parson's table is complemented by a lacy, trailing plant.

Basic guidelines used to accessorize a room are:

- Use carefully chosen accessories on the basis of their relationships of color and shape.
- Plan your accessories so that they will enhance your decorating plan and harmonize with other furnishings.
- Select well-designed accessories of good quality.
- Arrange accessories according to some planned use of space.

Carefully Follow Instructions For Wool Garment Care

Woolen skirts, pants, vests and blazers all need proper care to look their best. Wool easily keeps a naturally well groomed look if recommended care procedures are followed.

You should allow your woolen clothing to rest and give them an airing between wearings so they can shed wrinkles naturally. Tiny wool fibers have an elastic quality and will return to their original positions if they rest at least 24 hours on a well-shaped hanger.

In a closet, allow space between garments so air can circulate. This gives the fabric a chance to breathe and regain freshness.

Refresh a wool garment quickly after wearing or unpacking by placing it on a hanger and hanging it in the bathroom while you bathe or shower. Moisture in the air will steam wrinkles away. However, allow the garment to dry thoroughly before you wear it.

Brushing helps revive a tired garment. Use a firm-bristled brush to get rid of soil particles, fluff the nap and rejuvenate the surface of a firmly woven wool fabric.

For finer fabrics with a soft nap, use a damp sponge to achieve the same results. A sponge effectively removes lint from most fabric surfaces. Steam press woolens as needed.

Labels specify care instructions -- "dry clean only, machine wash, hand wash with warm water." Today's woolens offer an option on methods of cleaning, but the option to follow is the one specified on the garment's label.

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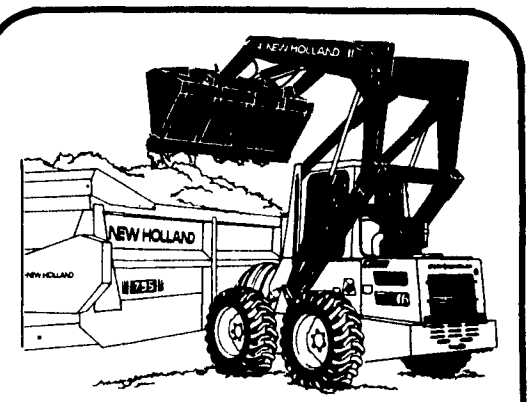

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SPERRY NEW HOLLAND

Spring Glen Farm Kitchen brings Pa. Dutch tradition to Farm Show

BY SALLY BAIR
Staff Correspondent

EPHRATA – Chow chow, corn relish, apple snitz and chicken pot pie are foods closely associated with the Pennsylvania Dutch tradition in Lancaster and surrounding counties. For Spring Glen Farm Kitchen these and nearly 100 other items are literally their bread and butter.

Visitors to the Pennsylvania Farm Show in Harrisburg will be able to purchase and sample some of these delicious items just by visiting the Pennsylvania Food Marketplace. The Marketplace has developed into one of the most sought out areas of the mammoth Farm Show because of the many specialty items which are featured there.

According to Paul Metzler, sales manager of Spring Glen Farm Kitchen, they decided to become a part of it from its inception. He recalls, "It was an unknown, and we wondered what would happen." Happily for both Spring Glen and Farm Show visitors, the result has been beneficial.

Metzler says, "We go for the exposure. We talk to a lot of people from all over the state, as well as from areas where we have farmers' markets. It helps get our name before the public."

He explained that they sell some of their packaged products, but they also sell one-serving sizes of their famous cup custard and "eggsicles," which are red beet eggs on a stick. There are some other items available for immediate consumption.

Although the location of the Marketplace (in the Northeast corner of the complex) is sometimes hard to find, Metzler says it is becoming more popular year after year, and there are times when it is very crowded.

While Spring Glen is not directly in agriculture, Metzler says, "We are very close to it. The farmer produces it, but somebody has to sell it. We are the retail part of farming and feel we are closely identified with agriculture."

Spring Glen Farm Kitchen offers a no-sugar coffee cake which is highly popular with those who must watch the amount of sugar they consume. Here two employees measure out the batter for the coffee cake, including checking the weight for quality control.

Spring Glen Farm Kitchen, Ephrata, is well known throughout southeastern Pennsylvania for its wide variety of Pennsylvania Dutch foods. This display is just a small portion of the 100 items the company makes, including many perishable items like soups and chicken pot pie.

Spring Glen is also a participant in the Pennsylvania Department of Agriculture's logo program, and has been one of six organizations nominated for recognition for the last three years.

Metzler says they are in total agreement with the logo program and they try to incorporate the logo whenever possible. They use it on product labels, letterhead, and invoices. "It makes people aware when they spot the logo, that the product is from Pennsylvania. It has been helpful," he points out. "We are producing in the local area for local people."

Actually, Spring Glen Farm Kitchen now serves an area which stretches from York, to Harrisburg, to Allentown to Coatesville. They operate out of 13 farmers markets, and have a large trade with restaurants and retail stores and gift shops. Metzler says they like their primary delivery area, which is a tight circle. "We've tried to concentrate on these areas."

Spring Glen was founded in the mid-40's by Titus and Edna Sensenig of Ephrata in their farm kitchen. Originally they sold their products door to door both in Ephrata and Reading, and then became involved in the old Ephrata Farmers Market.

Ironically, the product they started with, cup cheese, was discontinued a few years ago. But it was other Pennsylvania Dutch products for which they became famous, and the family operation has now grown into a family corporation with 115 employees. titus and Edna remain active in the corporation, with Titus serving as chairman. Son Kenneth is president, and son Dan is plant manager.

It was Edna who came up with the name Spring Glen Farm Kitchen, shortly before the business was incorporated in 1957. Ken recalls that she named it for the spring that was in a nearby glen and which was used for cooling the products. In fact, the spring is still channeled through the plant to assist with some preliminary cooling.

Ken remembers that he began working in the plants when he was just 10 or 12, and went along to the Ephrata market when he was just six. Many of the first street deliveries were made in a '41 Plymouth, and later they were made with a '47 panel truck.

He recalls using chipped ice in wooden boxes to keep the products cool. That was much different from the fleet of modern refrigeration trucks which now make deliveries.

In addition to the relishes well known among the Pennsylvania Dutch like chow chow, apple butter, red cabbage and corn relish, Titus developed a variety of fruit spreads in which they do not use sugar.

These have become very popular and were in response to his own diabetes. The company now also makes some no-sugar coffee cakes, which have found a receptive audience.

Non-perishables, however, made up just 15 percent of the food production at Spring Glen. The other 85 percent is perishable, and includes the famous chicken pot pie as well as a wide variety of soups, macaroni and cheese, the cup custards, red beet eggs, slaws and salads of wide variety. All of these products are sold fresh, and ingredients are purchased locally to the extent possible.

Although varieties of custards vary according to the season, most of the items remain the same throughout the year. Chow chow, for instance, is made every week of the year, and production is measured by the tons.

Metzler says Pennsylvania Dutch foods enjoy a great popularity because, "It is a distinct type of cooking. We have a saying among the Pennsylvania Dutch that first we put in the vinegar and then we put in the sugar. The Pennsylvania Dutch are known for being good cooks."

It is, in fact, these good cooks who are making the foods at Spring Glen. Metzler says, "We employ a lot of women who are good cooks in their own right. We duplicate as nearly as possible the same kind of product you have in the home. The flavor is very important."

While all the foods are simple and familiar home cooking, the recipes are kept in a safe. Metzler says, "We are using the same recipes handed down in the family."

One big change over the years is that now the kitchens are federally inspected, and Metzler pointed out that once the recipes are submitted to the federal agencies, they must be followed. This means consistency for the consumer.

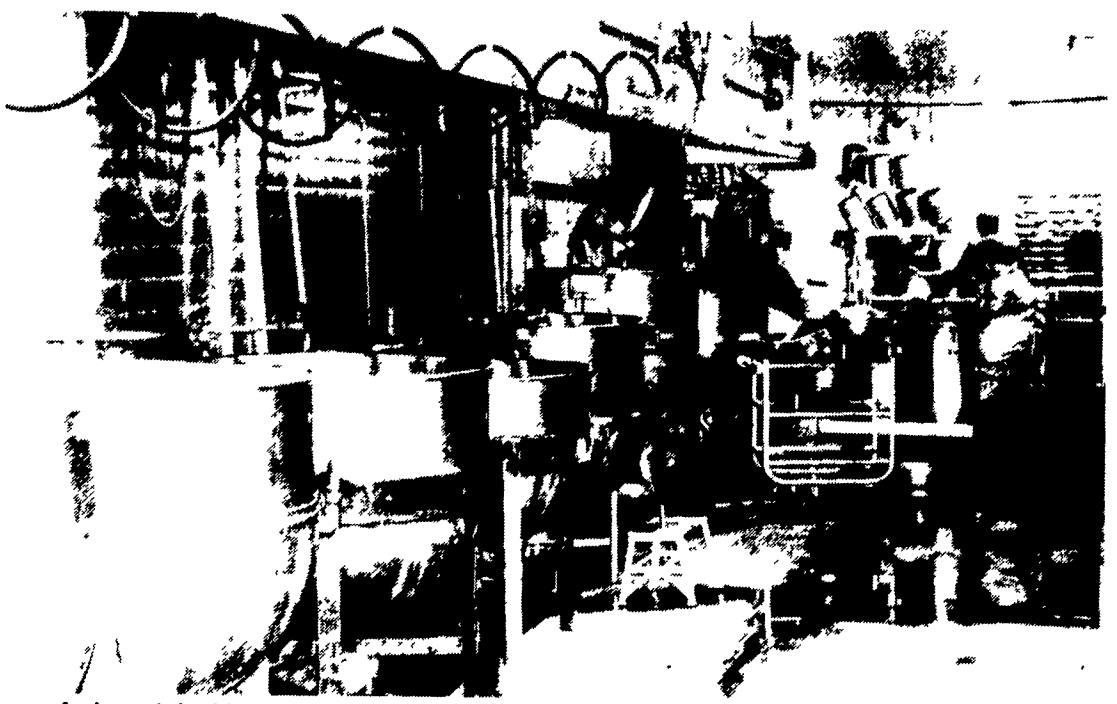
Metzler says the plant is currently being expanded to increase both cooling and storage capacity. He added, "I think we will continue to grow. Our growth will be steady, not spectacular. We will have time to plan and work at it."

He said they are always looking at new areas and new routes. He says they have always felt they are major contributors to a farmers' market, and when they make a decision to go to market, they make a major investment with the idea of staying and building a market.

The company continues to taste and test products, and will sometimes make trial batches of new items. Metzler says it is easy for them to get feed back on the success of a new item, because of their contact with customers week after week at farmers' markets. Occasionally they will discontinue old products and introduce new ones.

Metzler said that they depend on their weekly customers for the bulk of their business, but at markets some impulse buying takes place as well. The major change of eating habits at home has contributed to their success, he says. With more women working outside the home, the convenience of their prepared foods is attractive.

If you've eaten Pennsylvania Dutch cooking, you already know how good it is. If you haven't make sure you search out the Food Marketplace at the Farm Show and try some of the delicious foods being offered by Spring Glen Farm Kitchen.



A view of the kitchens at Spring Glen shows the large pots used to produce a variety of foods from pickled red beet eggs to fruit spreads to chow chow. In the background, some of the employees are peeling potatoes, an almost never-ending job with the tons of chicken pot pie cooked there regularly.

Baked macaroni and cheese is just one of Spring Glen's products.

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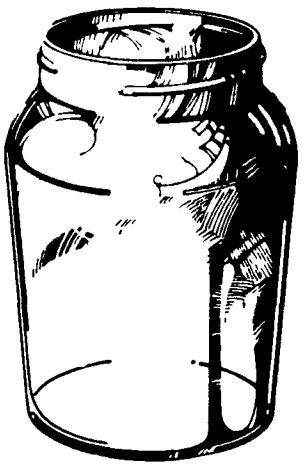

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Jerry and Eleanor Barker will take several Christmas trees to this year's Farm Show. Here they admire some of the cut trees they had for sale during the holidays.

Jerry Barker is cutting best trees for Farm Show

BY BETSY STITT
Staff Correspondent

WILLIAMSBURG — While other Pennsylvania farmers are loading up their livestock for the trip to Farm Show, Jerry Barker of Williamsburg is cutting down his best Christmas trees.

Barker has been taking his trees to Farm Show every year, and this year is no exception. He's planning to exhibit a Douglas fir, a white pine, a Scotch pine, and a white spruce.

"We do not raise a special tree for the Farm Show," Barker reported. "We just pick out the nicer ones as the shearing is done."

Barker is a member of the Pennsylvania and National Christmas Tree Growers Associations and is a past director of the state association. Both Jerry and his wife, Eleanor, say they learned everything they know about Christmas trees at association meetings.

The meetings provide growing information, influence legislation and help promote sales, Jerry says.

Unlike many other types of agriculture, Christmas tree farms have not been hit with a severe economic pinch. Jerry said production is expanding and he sees new faces at every association meeting he attends.

Most are talking about getting into the industry on a small scale, primarily by retailing their trees.

Barker says he has seen more competition here from the southern states, but adds, "Maybe I am optimistic, but I haven't seen good quality trees from the south. I see an expanding market for good quality trees in the southern market."

Barker started growing Christmas trees in 1950 as a hobby while he ran Keystone Milling in Williamsburg. After he retired from the mill, he turned the hobby into a full-time career.

Currently, Barker has 200 acres of Christmas trees. With 1,600 to 1,700 trees per acre, he has his work cut out for him. Fortunately for Jerry, his family willingly supports him with their help.

Barker sells the trees both wholesale and retail. Approximately 10,000 trees are sold wholesale; some stay in Pennsylvania, but many go into New Jersey, Maryland and the Washington D.C. area.

In the retail market, Jerry sells approximately 2,000 trees. For those who like to go into the field and cut their own, he offers a wide variety to select from.

Barker also offers cut trees for people who don't like to cut their own.

There's a tree to suit almost everyone's taste at Barkers. They grow pines, firs and spruce. Of the three types of pines grown — Scotch, white and Austrian — Scotch is the most popular.

They also grow three types of spruce: blue, Norway and white. Spruce tend to hold their needles better than other trees.

Three varieties of firs are also offered. They are Concolar; Fraser, which is growing in popularity; and Douglas firs, which are the most popular of all the Christmas trees.

When people come searching for a Christmas tree, Barker said, they want trees six to seven feet tall, with good color and full branches. In other words, he said, they want a perfect tree.

"There just isn't a perfect tree, but we try to make them as close as possible," he said.

One of the ways they do this is to shear every tree every year. Barker said it takes a crew of 16 people six weeks to trim all the trees. A crew of girls shear trees up to four feet, while a crew of boys trim the taller ones. Most of the employees are students at Williamsburg High School.

Barker also sprays the trees for insects and diseases. Scotch pines, he said, are difficult to grow and must be sprayed four times a year because of their susceptibility to diseases.

Weed control is another important part of raising Christmas trees. Barker sprays for weeds and mows all summer.

Although he cannot change the type of soil he has, Barker does try to control pH and fertility, especially for the fir trees.

Weather is another factor important to growing Christmas trees. Moisture is needed after the trees are planted. But once the trees are established, they can take a dry spell without much damage.

A late freeze can be very damaging to trees with early bud break. It will stunt the growth for that season.

This harvest season, the weather has not been kind to Barker. It has been extremely wet and has slowed cutting of the trees and getting them out of the fields.

"I think this is the wettest, muddiest, season I can remember, Barker says.

Barker plants approximately 25,000 trees every year, with the average tree taking from seven to eight years until it is ready to be cut. Some may take as long as 10 years to reach cutting stage.

"This is a nice business for someone who likes to grow things and be outside," Barker said.

Tom Murtiff drives a tractor and wagon to bring successful tree hunters Mr and Mrs. Ralph Parsons of Petersburg back from the fields.

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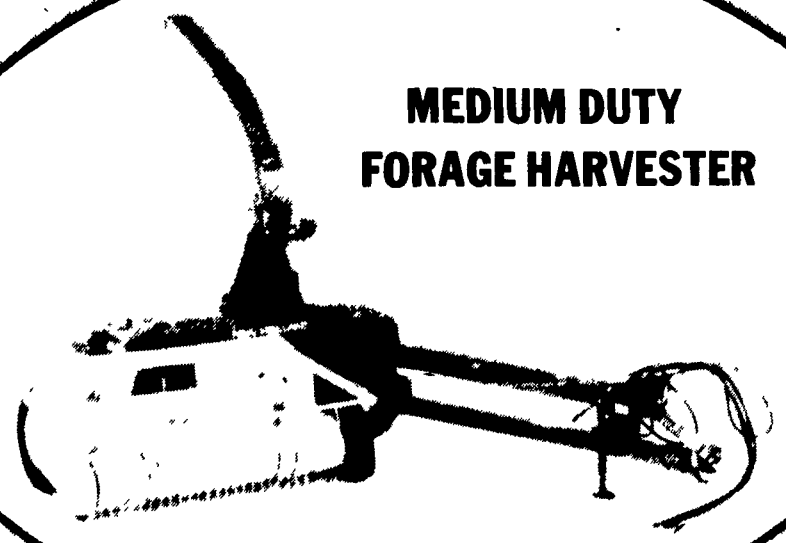

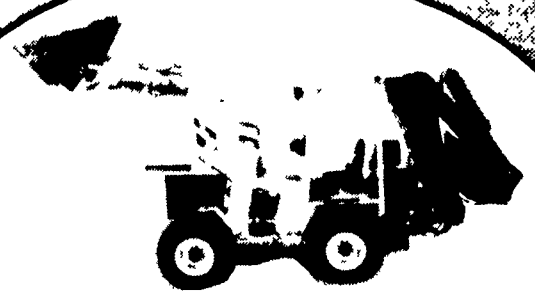

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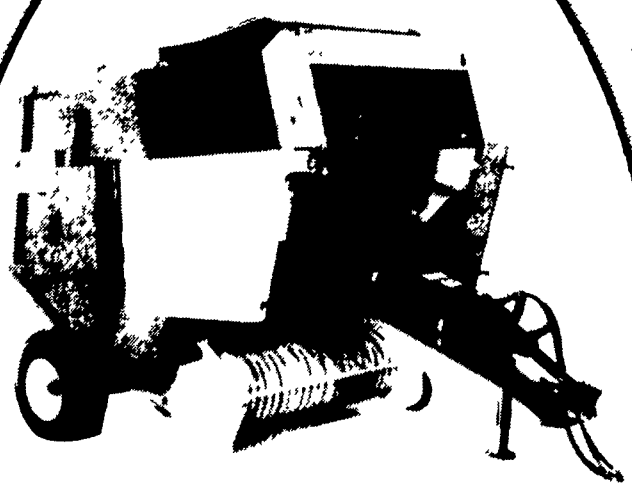

MEDIUM DUTY
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SLURRY SPREADERS

Parents can make time alone easier for latchkey children

NEWARK, Del. — Who takes care of children in the morning when parents must leave for work before school opens — or in the afternoon before parents arrive home? Many times it's the children themselves.

"Having school-age children supervise themselves for a part of each weekday is sometimes the only option for working parents," says Sally Foulke, University of Delaware extension home economist.

"Although self-care can be a positive experience that enhances a child's feelings of competence and self-worth, 25 percent of latchkey children have trouble with self-care." The home economist offers some suggestions for parents to help their children feel more comfortable about the latchkey situation.

Most children travel to and from school either by walking or riding a bus. A survival card to carry on their daily trip can give young children a sense of security. It should include the child's name, address, phone number at home, parents' work numbers, the name of a person to contact in case of injury, and money to make a phone call (a quarter taped to the back of the card).

"Parents should discuss the importance of the card, the meaning of emergency money, and some of the places to keep the card — perhaps in a lunchbox, bookbag or pocket," Foulke says.

An emergency card kept by the phone at home can help supply the confidence and the means to manage a crisis. Children should be taught what to do in case of an emergency, whom to call, and how to dial a telephone. Besides the 911 number for fire, police and medical emergencies, the card should include parents' work numbers and the number of family friend or neighbor.

"The telephone is an important way to stay in touch," says Foulke. "But parents should establish rules for its use. It's frustrating to get a constant busy signal when trying to reach a child. Many parents require a check-in call as reassurance that their child has arrived home safely," When a stranger calls, Foulke suggests that children say their parents are walking the dog, taking a nap or simply can't come to the phone.

Parents should also discuss what a child alone should do if a stranger comes to the door and wants to come inside. They should make the home as burglar-proof as possible and assure the child that this has been done, says Foulke.

The home economist also suggests that parents help their children set up a routine that includes regular snacks, chores, homework and playtime. "Planned activities keep children occupied and help minimize the fear of staying alone," she explains.

If friends are allowed to visit, set up visitation rules, she says. "Children also need a checklist of things to do before leaving the house. These might include turning off lights and water, closing and locking windows, bringing in — or putting out — the dog or cat, locking all doors and taking the key. A child will need to get a lunch, books and homework before leaving in the morning.

"Be punctual," Foulke advises parents. "Children need to know that they can expect you at a certain time. Also, let them know that it's O.K. to feel lonely and fearful at times. Set aside some time to discuss the day's events with them. Children need a little extra attention at the end of a day spent alone."

Fear is common among latchkey children

NEWARK, Del. — A child waits alone in an empty house after school until mom or dad comes home from work. The two hours drag into an eternity. Noises in the house are amplified by the silence. A creaking board becomes the footstep of an intrudcer. Quickly, the television set is turned on full-blast to drown out the sounds of the house as well as the child's loneliness.

"As a result of their situation, latchkey children face special problems," says Sally Foulke, University of Delaware extension home economist. "Often a child, not wanting to disappoint parents, will say that everything is fine. Many parents are unaware of the extreme anxiety children may experience. Parents need to develop open communication about a child's fears."

For safety and legal reasons, parents may forbid children to go outside once they are home, or prohibit them from entertaining friends inside the house. The result is isolation, loneliness and anxiety.

"Feelings of fear are more frequent and enduring among latchkey children than children who are under continuous adult care," says Foulke. "Research shows that some latchkey children cope with fear by excessive use of the telephone or television, turning on a number of lights or conducting security checks. Some children may even carry an old shoe or baseball bat for protection."

Foulke says that children often act on assumptions based on limited information. This is because they haven't matured enough yet to alter their reactions to cope with changed circumstances. An example would be a child who loses a key, goes to a neighbor as instructed but finds the neighbor isn't home. What should the child do except sit on the porch, alone and unprotected, until someone arrives?

Many children have a sibling to share their self-care time. But this may cause additional problems. "Because their need to express frustration is so great, children alone often fight over everything and anything," says the home economist. "An older child who is responsible for a younger one may oversupervise or leave the sibling alone while he or she runs off to join friends."

Younger children who are oversupervised may not develop self-care skills. Also, an older child who is an unwilling babysitter is likely to feel resentful. While babysitting can be an important lesson in responsibility, it shouldn't be at the expense of all of an older child's free time.

It is important for parents to help their children adjust to self-care, says Foulke. Research shows that latchkey children most commonly fear break-ins, physical assault, fires, and sibling conflicts that might result in injury or property damage. She suggests parents discuss these fears with their children and develop safety strategies. Parents should regularly evaluate the self-care situation and be prepared to make other child-care arrangements if necessary.

Toll-free line open for kids in Lancaster County

LANCASTER — Today there are more and more single-parent and two paycheck families than ever before. Consequently, the number of young school-age children at home without adult supervision is on the rise.

Usually the "latch-key" child knows where one or both parents is and has a way of reaching one of them in case of an emergency. But what happens when a youngster who is caught in a situation he or she cannot handle can't contact a parent?

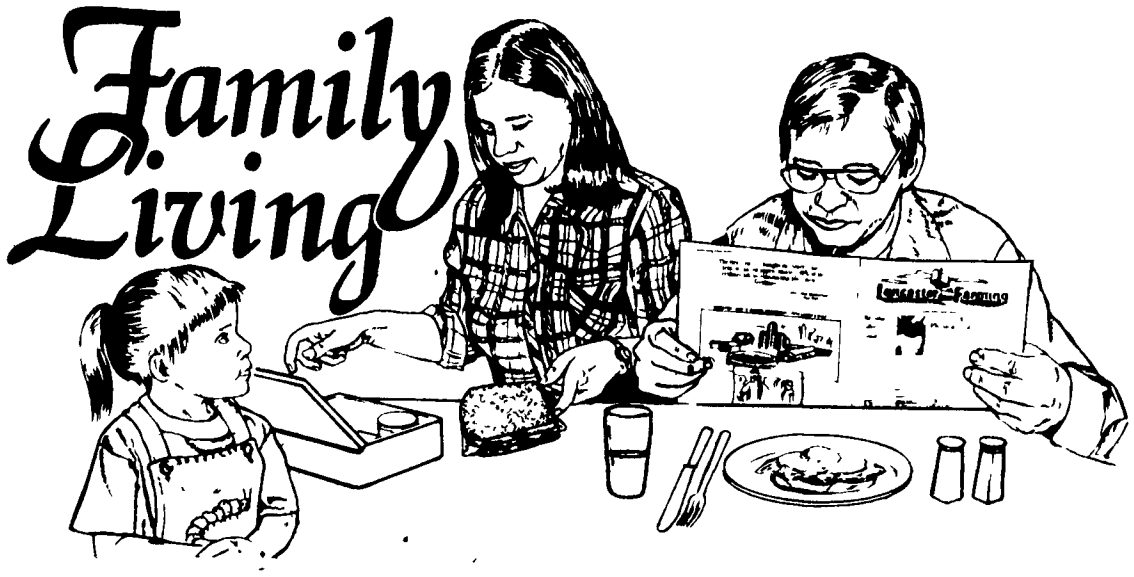
Maybe there's a frightening storm outdoors...a hamster got out of its cage...parents are overdue getting home...school is canceled because of icy roads...or maybe the child is upset by a bad day at school or is lonely and needs someone to talk to.

To provide reassurance and support for children alone at home, CONTACT KIDS-LINE, a 24-hour confidential phone line, is offered to elementary school children in Lancaster County. The KIDS-LINE is not meant to replace usual emergency numbers or established family procedures, nor is it intended to take the place of parental responsibility.

It is designed to help be supportive along with parents, in the hope that the service will help minimize the anxieties of both working parents and their children.

CONTACT KIDS-LINE is available for elementary age children who are home alone or need a friend to talk to. Anyone in Lancaster County can call collect.

KIDS-LINE will be staffed by adults who have successfully completed the 60-hour CONTACT training program.



BACK HOME

By Michelle S. Rodgers

Berks Extension

Home Economist

Latch Key Link

Well, that new puppy did arrive under our Christmas tree this year. Our collie puppy is an adorable furball full of energy and we've enjoyed hours of playing together. But vacation quickly ended and I was going back to work, leaving the puppy at home to entertain herself until I returned. We both suffered minor anxiety separations, but some pre-planning helped to make it a workable situation.

In many of our homes today, there is a great deal more than puppies waiting at home for parents. Every day over six million children are returning home from school to an empty house and several hours on their hands. "Latch key" is a term for these children who carry their own keys and are responsible for their own well being until their parents arrive home from work. These children have to contend with situations like strangers at the door, boredom, loneliness and household mishaps. They must also be prepared to deal with emergencies such as fire, injury, and breakins. Some of these crises are difficult for adults to manage.

Is it asking too much of a child to handle such incidents of domestic life? The answer depends on the child, the parent and the preparation.

No child should be left alone without first determining whether he or she is ready for it. And that means anticipating situations, discussing possible reactions, and allowing plenty of opportunities for feedback and trial runs. Kids who seem ready will need lots of adult support. Parents or a backup should be available by phone, and a neighbor who is both willing and usually home should be designated for help in emergencies. Above all, parents must be prepared to accept the possibility that the circumstances aren't right or a child is not mature enough to stay alone. In some situations extended day care programs at schools or adult supervision provide the best solution.

You must know your own child. Your child's level of maturity is far more important than his chronological age when it comes to determining whether he is capable of being at home alone for a few hours.

Whether your child is at home alone for an occasional hour or so, one day a week, or every day, you should review and discuss the following instructions before the first trial run.

Keep your key out of sight. A child who carries a house key should wear it on a chain under a shirt or dress or pinned to the inside of a pocket. Displaying a key alerts people that the child is alone. Leave a spare key with a neighbor and go over the route home to determine the amount of time it usually takes.

Never talk to strangers or agree to get in their cars. Tell your child that if someone tries to insist, he or she should run to a neighbor's home if possible.

Never tell anyone who calls on the phone that you're home alone. Try some practice sessions with your child on the phone and one liners that don't draw attention to the fact that he is home alone. Have a list of important phone numbers posted by the phone.

If there is a fire, use fire escape routes that you have planned out and rehearsed.

Also, you will want to make up a list and discuss other potential problems as they relate to your situation. Work out a phone call system, discipline guidelines, how to handle strangers at the door, first aid treatment, and a list of friends who are allowed to visit until you get home.

Preparing your child to stay alone and to handle the responsibilities involved is an ongoing process that actually started in early childhood. A latch key situation generally does assist a child in becoming more resourceful, self confident and grown up. When a child feels that you trust him, he feels good about himself. You may not realize it, but your child is learning to become independent, a step toward adulthood.

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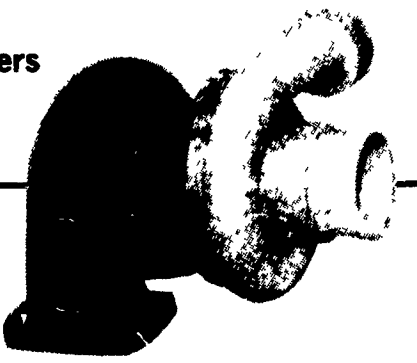

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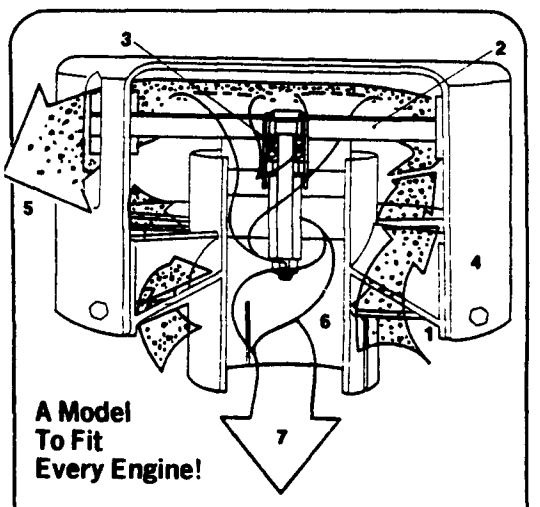

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Farm Women Societies

Lancaster Society 5

Lancaster Society 5 met on Dec. 28 for its annual Christmas party at the home of Anna Ruth Ebersole.

Thelma Bord received a gift as outgoing president. Thelma and her husband will retire to Florida. Kathryn Fahringer will be the new president.

Emma Ruth Piefer, Reba Metzler and Kathryn Fahringer will be going to the State Convention in Harrisburg on Jan. 13 and 14.

The next meeting will be held Jan. 25 at the home of Eileen Bruckhart.

Lancaster Society 10

Lancaster Society 10 met at the home of Suie Dietrick for its Jan. 4 meeting.

Nancy Starr, Suie Dietrick and Kathryn Hebbe will represent the society at the State Convention in Harrisburg Jan. 13 and 14.

They will be entertaining Society 7 on March 1 at the Esbenshade Farm with a covered dish meal.

Members will entertain at Conestoga View on April 17. The April meeting will be a Dutch treat.

The group reviewed their constitution and bylaws.

The February meeting will be held at the home of Gretha Dixon, 2349 Middlegreen Court, Lancaster.

F.W.S. Calendar

Saturday, January 11
Lancaster Society 19 will meet at 1:30 p.m. for a program by IFYE student Jody Henkel.

Saturday, January 18
Lancaster Society 3 will meet at 2:15 p.m. Social time begins at 1:30 p.m.

Towamencin 4-H seeks new members

CREAMERY – "A New You for 1986 - Good Grooming and Skin Care" will be the featured topic by guest speaker, Chris Ludt, 4-H program assistant, at the next meeting of the Towamencin 4-H Club, Tuesday, Jan. 14, 7 p.m. at the Montgomery County 4-H Center in Creamery.

Interested boys and girls ages 8-19 are invited to join the Towamencin 4-H Club. The club meets year 'round on the second Tuesday of each month for a total club program. Besides this special program, the club offers 4-H projects in foods and nutrition and sewing. Sewing and foods projects are taught on a weekly or bi-weekly basis during the winter, spring and summer. All levels of sewing are offered from beginner to advanced. Volunteer leaders are also needed to assist with the programs.

If you plan to attend the next meeting on Jan. 14, wear one of your favorite outfits and bring three personal grooming tools or products with you.

For more information on joining 4-H or becoming a volunteer leader, call Helanie Brown, 4-H Agent, at 489-4315, 8:30 a.m. to 4 p.m.

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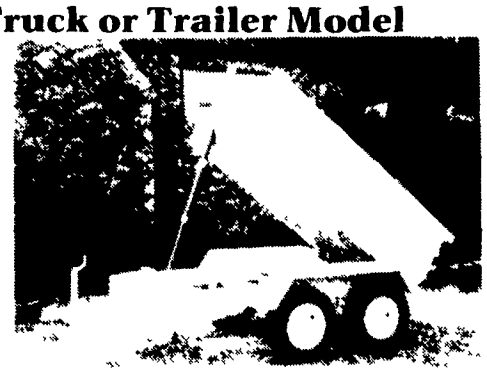

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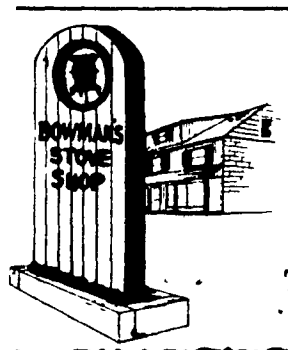

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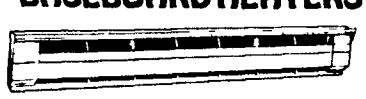
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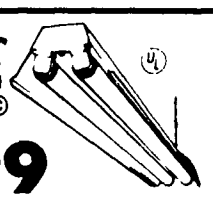

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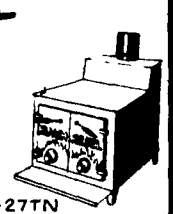

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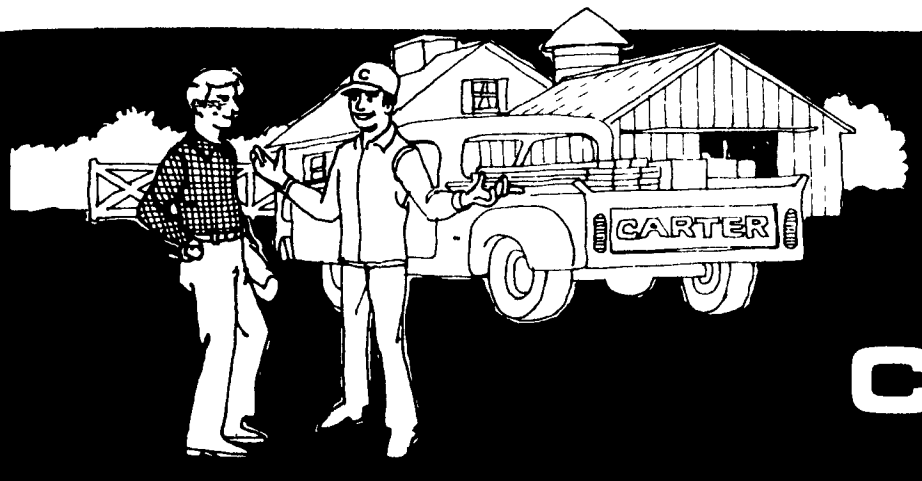

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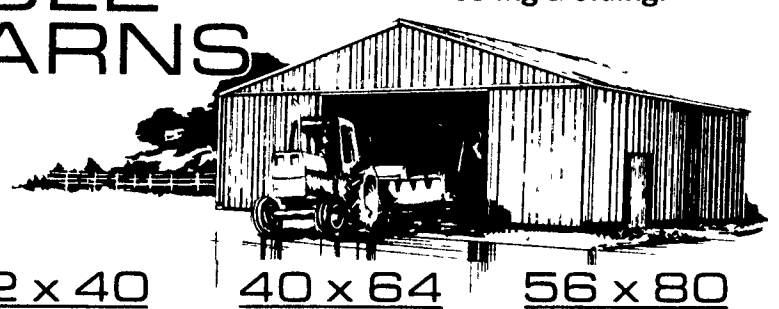

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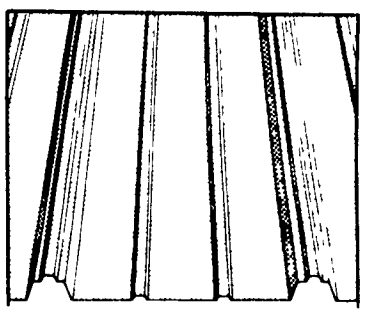

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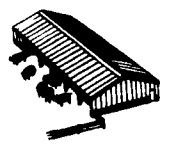

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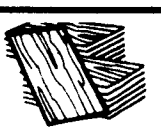

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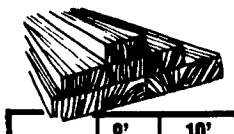

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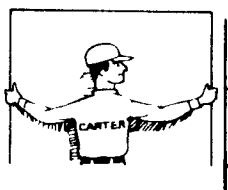

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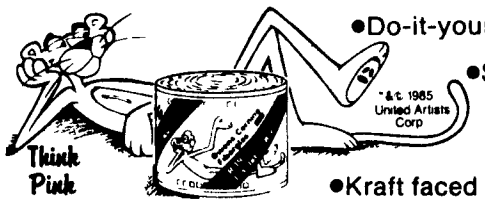

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CARTER 1986

Jean Snyder holds high rank among superstock tractor pullers

BY BARBARA MILLER
Staff Correspondent

TAMAQUA Whenever Jean Snyder of Schuylkill County wants to relax, she reaches not for her knitting needles, but for a wrench.

"Whenever I'm wound up I just go and work on the tractors – it relaxes me," says this recent grandmother.

In 1891 Jean, who lives at R. 3, Tamaqua, was voted superstock tractor puller of the year for New York state. It was the first time in history of tractor pulling in that state, and perhaps in the nation, that a woman was accorded such an honor. In 1983 she and her husband, Chester, shared the tractor pullers of the year award in Pennsylvania.

Jean is currently the only female superstock tractor puller in Pennsylvania, and in New York she shares this distinction with just one other woman.

Superstock tractors, Jean says, must have just one engine and keep the appearance of a farm tractor. Modified tractors may have several engines.

Jean's 1985 point standing in Pennsylvania was third in five superstock division while in New York she accumulated enough points to place third in the five and seven superstock divisions.

Not to be outdone by his wife, Chester had a point standing in New York that was second in the five, seven and nine superstock classes and third in the twelve superstock class. In Pennsylvania he ranked fifth in the five superstock class. In New York in 1984 Chester was named superstock puller of the year.

The Snyders put 10 to 11,000 miles per year on their motor home attending approximately 30 tractor pulls in New York and Pennsylvania. Sometimes they travel as far as Vermont and have participated in a national pull in Detroit, MI.

Three hundred fifty trophies line three walls of the Snyders' basement as tangible evidence of their participation in the sport. Of course, the $10,000 prize money they win each year is also tangible evidence of their endeavors.

Chester is quick to note that in one year they may win $10,000 in prize money but lose it the next in repairs. Overall, considering repairs and expenses, they figure they break about even.

Jean is a farm girl who grew up with four brothers and a sister.

"But my mother did the field work," she recalls, adding that she always did the housework.

Later she met and married Chester, who was a farmer at the time. It wasn't long before they began participating in stock tractor pulls at local fairs, where more often than not they won. It isn't too unusual, Jean says, to find women participating in stock tractor pulls. Stock tractos, she explains, are farm tractors with no modifications.

At one of these events they became acquainted with Eugene Sellers, an avid tractor puller who lives near Williamsport. Eugene has been referred to as the "Grandaddy of Tractor Pulling in Pennsylvania" for his early and continuing promotion of the sport.

Eugene invited the Snyders to a tractor pull at Hughesville. The Snyders accepted and, according to Jean, that pull was a turning point in their tractor pulling career.

"That was the night we became educated," she chuckles. "We couldn't even get the boat over the ground pile."

It was then, Jean says, they began learning some of the fine points of tractor pulling such as the effect of differing drawbar lengths, etc. They also decided, Chester says, that if they were to continue competing, they would have to change tractors.

The Snyders started pulling with a Ford 3000 and in 1973 bought a Ford 8600. In 1974 Chester took first in the seven, nine, and twelve superstock divisions in Pennsylvania with the new tractor. To date, Jean says, no one else has duplicated this feat with one tractor.

Jean has driven two of their three superstock tractors in competition. The tractors are Ford models 7000, 8200 and 9600, which range from 700 to 1200 horsepower. Last summer Jean graduated to the 8200 model and hasn't yet pulled with the more powerful Ford 9600.

The Snyders are partial to Fords since as proprietors of Charles S. Snyder, Inc. of Tamaqua, they have been selling them for the past 14 years. Chester is the third generation to operate the business. As treasurer, Jean works an average of 40 hours per week keeping up with the bookwork.

What is it about tractor pulling that Jean enjoys so much?

"The competiveness," she says. "I think it's very exciting." And then, as if she's forgotton something very important, she adds, "And the trophies!"

She says they don't give as many trophies as they once did and recounts the time after a pull when she went to collect her prizes

"They gave me money and I said, 'Is that all–no trophy!" Her blue eyes twinkle as she points to a small plastic trophy topped by a tractor doing a wheelie. It was a humorous gift given to her later by the promoters at a banquet to satisfy her desire for a trophy.

Jean and her husband, Chester, hold the plaque they received after being selected the super stock pullers of the year in Pennsylvania in 1983.

"When you get money you spend it on the tractors," she explains, "But with trophies you can remember things about a certain pull where you won them."

Jean also finds satisfaction in keeping the tractors running," she says.

"It's not how fast, but the consistency of keeping them running," she says.

She and Chester overhaul the tractors every winter, resulting in less down time for them during the summer when they are competing.

"When you miss pulls, you lose points," she observes.

Jean also notes that competing in tractor pulls has been good publicity for their business.

What is the crowd's reaction to a woman tractor puller? "They love it," Jean reports. "If Chester and I are in the same class people are betting to see who wins."

And the reaction of the male tractor pullers with whom she competes?

"At first they didn't really care that I pulled," Jean says. "They thought that women couldn't pull."

At that moment the twinkle in her eye returns, accompanied by a mischievious smile and she adds, "But it didn't turn out that way."

"Now they take me as one of them," she continues. "In '81 only pullers voted for puller of the year and they must have thought enough of me to vote for me."

As enthusiastic as the Snyders are about tractor pulling they do admit to a few drawbacks.

"Cost is getting to be a big factor for pullers and promoters," Chester says.

To build a new rig, he oberves, would cost $90,000 today. But, he adds, most people don't buy a new tractor. Insurance is another cost.

Jean mentions seeings friends get hurt. A friend of theirs was killed last year in an accident with his tractor.

Tractor pulling has always been a family affair for the Snyders and their three daughters. Cathy, 21, is now Mrs. Terry Wehr, and Charlene, 19, is now Mrs. Scott Coombe and mother of eight-month-old Christopher. Only Cheryl, 15, is still at home.

At first they went to pulls together, camping overnight in a tent. Later, they graduated to a motor home.

Jean says that even though the girls are married they still occasionally go along to a pull and Cheryl is showing interest in becoming a tractor puller.

Jean, speaking of herself and Chester observed, "We do a lot of things together." She paused a moment, corrected herself, and continued, "We do almost everything together "

One might say in conlusion that the Snyder family "pulls" together.

Jean Snyder shows some of the 350 trophies she and her husband have won in the years they have been participating in tractor pulls.

Jean Snyder roars into action on her Ford tractor.

Jean works on her tractor checking the injectors.

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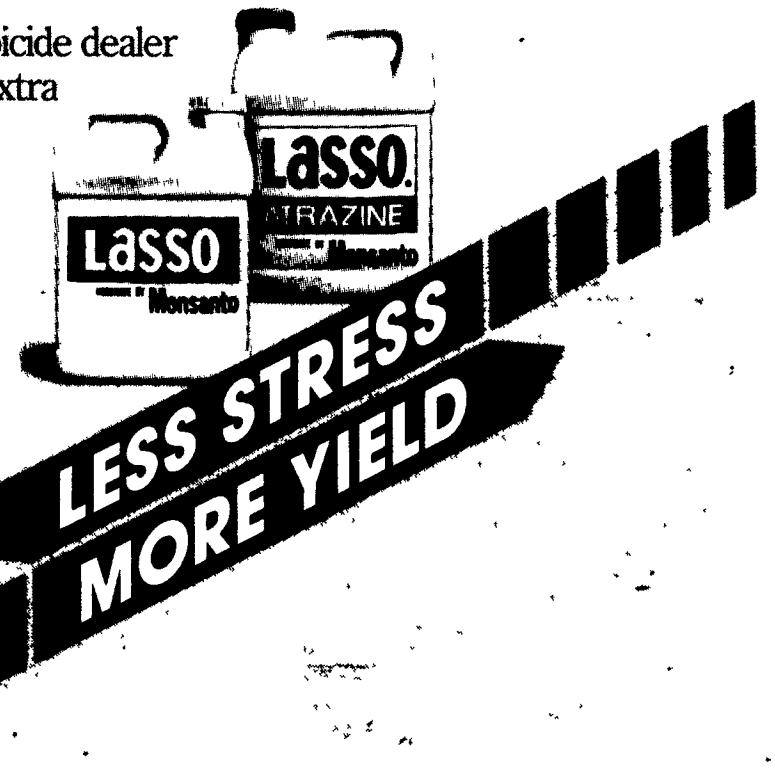

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Shenk sisters keep family in stitches with 4-H sewing projects

BY SUZANNE KEENE

LITITZ — The sewing machines at the Shenk farm in Lititz are rarely idle. With four girls working on 4-H sewing projects at the same time, the family needs two machines to fill the requirements of these talented seamstresses.

This week their carefully crafted projects will be displayed at the Pennsylvania Farm Show for all to see. Each sister is anxious to see how her outfit will compare with others from across the state.

"It's just fun to see how you do, 17-year-old Daphne Shenk says. And, while it's always nice to get a ribbon — preferably the first-place ribbon — there's much more to the 4-H sewing project than winning.

Daphne said she and her sister, Melanie, 18, selected the sewing project "just to learn to sew because we're hard to fit." The girls are petite and can't always find clothing that fits in the stores.

Their two younger sisters, Lisa, 14, and Monica, 12, have followed in their footsteps and are working their way up the progression of 4-H sewing projects. Each year, the 4-H'ers are required to make a more difficult project.

In her fourth year of the 4-H sewing project, Monica made the required jumper. "You pick your own pattern," she explains. Monica selected a bright yellow cotton fabric for her jumper and purchased a blouse to wear with it.

The girls meet with the sewing leaders about eight or nine times to work on their projects. But in between meetings, the girls can work at home. "I made mine pretty much at home," Monica said.

While the project wasn't too difficult, Monica said getting the pockets on straight was a challenge.

Lisa, in her sixth year of the sewing project, was required to make pants. She chose to make a pair of cropped pants in a blue-grey corduroy. She also made a pullover tunic with full sleeves from a plaid material that complements her pants.

For her, the hardest part of the project was putting the snaps on the blouse.

For her eighth-year project, Daphne made a completely lined suit out of off-white linen fabric. The straight skirt boasts side pockets and a side pleat.

Daphne also made a silk blouse to complement her outfit. To keep the fabric from fraying, she finished her edges with French seams.

Many hours at the sewing machine are necessary to create a winning outfit. Here, Melanie works on a project.

With so much time put into making her project look good both inside and out, Daphne says she prefers to have her project judged when she is not modeling it.

Each summer 4-H sewing members model their finished projects in front of family, friends and judges as part of the county fashion revue. But at Farm Show, the girls don't model the garments and the judges have a chance to take a close look at the workmanship.

For her ninth-year project Melanie decided on a white wool dress with 3/4-length sleeves. She also made a jacket from a multi-colored wool blend fabric.

Melanie says the most difficult part of her project was making tucks in the bodice. But after ripping them out and doing them over four times, she was pleased with the results.

The girls start their projects in the winter, knowing they must be completed in time for Fashion Revue in July.

First, they select their patterns, then they search for fabric that suits their individual tastes. Although some 4-H competitors travel to Philadelphia to select their fabric, the Shenks prefer to make their purchases at fabric stores in the Lancaster area.

They don't keep track of the hours they spend at the machine, but each project does take many hours of work, they confess.

"Some of the fine touches can take hours," Melanie says with a knowing shake of her head.

With two sewing machines in the house, there is little conflict over who will use them. The sisters sew as they have time. Daphne likes to sew in the morning when she is fresh and energetic, while Lisa prefers to do her sewing at night.

In their 4-H careers, the girls have brought home their share of ribbons and awards. Last year Melanie was one of 10 finalists in the state with her wool suit. She took two blue ribbons at the Manheim Fair this year and won a second or third-place Sweepstakes ribbon at last year's Farm Show.

The Shenk sisters model the outfits they have entered in this year's Farm Show. From left are Melanie, Monica, Daphne and Lisa.

Last year, Daphne was named an alternate in regional competition, and Lisa was a junior alternate at regionals in 1984.

Daphne, Melanie and Lisa all received gold ribbons for their projects at the county roundup this year, and Monica received a blue ribbon for her jumper.

Although the girls spend quite a few hours at the sewing machine, they find time for a number of other extra-curricular activities. All four play an instrument in the school band. Monica sings in the church choir, and Lisa, Daphne and Melanie are members of the school chorus.

The three older girls attend Manheim Central High School and Monica is in the sixth grade at White Oak Elementary School.

Some of their "free" time is spent helping with chores on the family's dairy farm at 550 West Newport Road, Lititz, where they live with their parents, Glenn and Audrey Shenk. They have two older brothers, Jeff and Budd.

In addition to their sewing projects the girls take the capon project, raising 75 birds each year, and the strawberry project.

Ethel Zimmerman is ready for Farm Show with home canned produce

BY SUZANNE KEENE

LANCASTER — The sweet aroma of fresh coconut fills the sunny kitchen as Ethel Zimmerman pounds the steaming shells with a hammer. Two huge bowls of apple schnitz sit on the kitchen table next to several verdant house plants.

Ethel is getting ready for market, a task she has been tackling for about 45 years. Every Tuesday Ethel and her husband, Henry, can be found waiting on customers at their stand at Root's Country Market in Manheim. She offers a wide variety of homemade goodies and Pennsylvania Dutch gifts, ranging from chow chow and corn relish to sunbonnets and aprons.

And although her market stand keeps her quite busy, Ethel still finds time over the summer months to "put away" many quarts of Lancaster County fruits and vegetables.

This week, Farm Show visitors will be able to take a look at some of her handiwork. She plans to enter 20 or 25 quart jars full of pears, raspberries, elderberries, beef, pork, chicken, sausage, beans, peas, red beets, chili sauce, apple schnitz, dried corn and other Lancaster County grown produce, all of which she prepares in the kitchen of her home in Lancaster.

"I do it just for the fun of seeing if I get anything," says this Farm Show veteran who has secured stacks of multi-colored ribbons for her canning efforts. "It doesn't bother me if I don't get a prize," she says. "When there are so many (entries), you're lucky to get any."

Ethel Zimmerman of Lancaster is all set for Farm Show. Every year she enters a wide variety of canned goods and usually comes home with a host of ribbons.

But despite her casual attitude toward winning ribbons, Ethel has certainly claimed her share of them at Farm Show and at Lancaster County fairs. Ethel doesn't keep track of how many ribbons she has won, but last year's stack alone was quite a handful.

"I'm hoping to make a quilt with them," she says, adding that she would like to try the Pennsylvania logo. "I'll have to lay them out on the bed and see what I can do with them."

Although Ethel makes winning ribbons at Farm Show look easy, it does take a lot of work and many hours in the kitchen. Ethel purchases most of her produce to can from the many roadside stands that dot the county. She also buys some from local farm markets.

Ethel does raise a few vegetables in her small garden, but at age 68, she has reduced the size of her backyard plot considerably.

What makes her canned goods stand out among the many entries at Farm Show? Clarity, color and uniformity of size are several reasons, Ethel says.

"Everyting has to clear and free of sediment," she explains. So, when selecting her entries from the many jars in her cellar, Ethel pays special attention to these requirements.

Ethel learned the home art of canning at an early age. One year, she relates, her mother was quite ill and could not take care of the canning herself. "She sat in a rocking chair and told us how to can things," Ethel recalls.

Apparently she learned the craft well. Ethel says she occasionally receives phone calls from people who have seen her canned goods at Farm Show and fairs and want to know how to can. 'I just tell them how to do it," she says modestly.

Since she enters a wide variety of items, Ethel finds it difficult to name one that she has been most successful with. However, she said, she usually gets a blue ribbon for her asparagus.

On the other hand, Ethel's peaches rarely bring in a top prize. She attributes her failure with this fruit to selecting only ripe peaches, which taste very good but leave a sediment at the bottom of the canning jar.

Ethel says she would like to enter a jar of the filled peppers she sells at market in the Farm Show, but there is no category.

One year, she continues, she would like to expand her entries into the baked goods category with an angel food cake. "I make a lot of angel food cakes when I make noodles," she said, explaining that the cake is a good way to use up the egg whites left over from noodles. "I'm tempted to enter one."

If you're curious about how well Ethel did at this year's Farm Show, make sure to look for her name on the entry tags as you make your tour of the canned goods section. Chances are, you'll see some ribbons that will one day be part of a very unique quilt.

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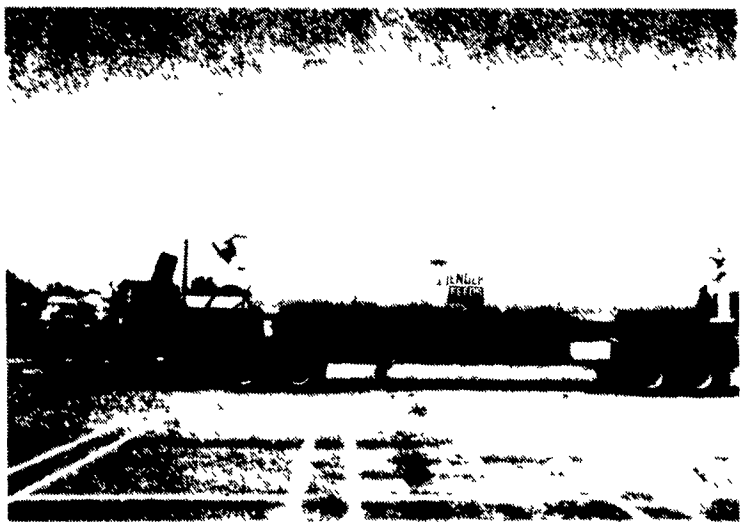

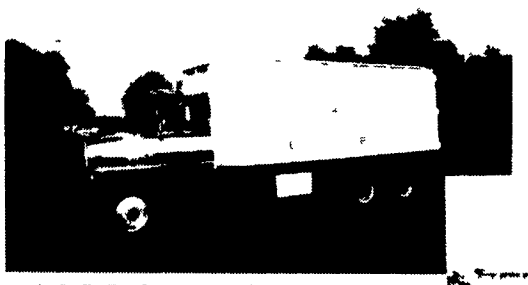

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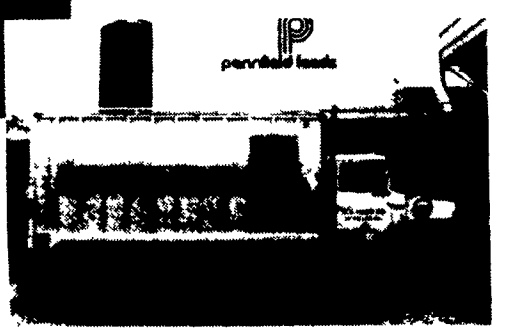

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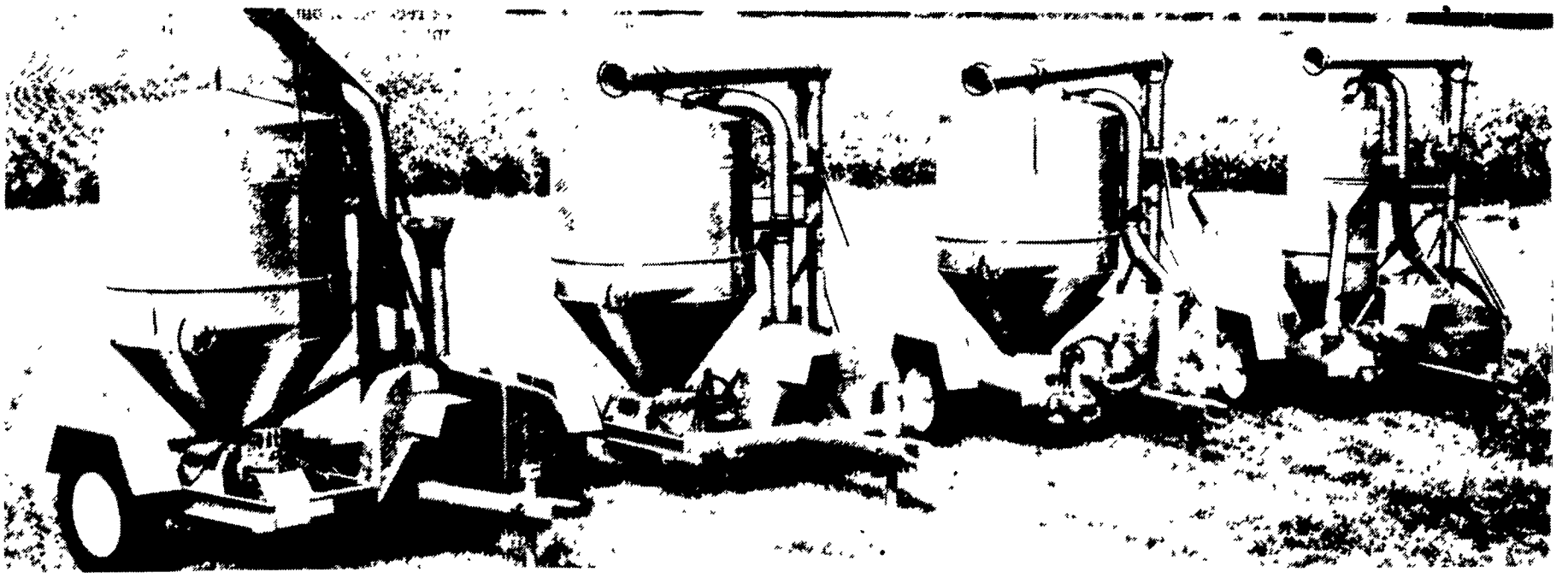

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Kohrs double their Farm Show pleasure with twin entries

BY JOYCE BUPP
Staff Correspondent

YORK – Cattle on the Kohr beef farm rarely go hungry. Jamie and Kerri Kohr would simply never allow such a thing to happen.

Jamie, 19, and Kerri, 15, are the daughters of James and Nancy Kohr. The pair, along with older sister, Kristi, and brother James, comprise the sixth generation on this family cow-calf and feedlot operation just north of the city of York.

The sisters have always looked out for the family cattle, according to their father. When Jamie was about three, she was discovered walking around in the herd of cows. "I always just wanted to make sure they were all well fed," she grins.

Kerri too, toddled to the barn almost before she could walk, and some of her earliest memories are of dragging buckets of feed around for the cattle.

Now what they drag around the barn are steers–tall, growthy, powerful Chianina-crossed 4-H project animals. And, unlike some 4-H'ers, the Kohr sisters' goal has never been the purple rosettes at the local roundup, or even the York Fair shows.

From the very first day they finally select a project calf, Jamie and Kerri raise their steers toward only one end: the Pennsylvania Farm Show.

"It's just a thrill to be part of the Farm Show," they agree.

For Jamie, though, the "thrill" is about to end. Her appearance in the cavernous large arena during Thursday's youth beef judging will be the last in a 4-H showing career that has spanned 11 years.

But their entries for this year are unique: a set of twins. As Jamie is quick to point out, though, even a veteran beef judge might be hard pressed to pick this pair of steers as twins. Jamie's is taller, with more daylight showing underneath a powerful body, and a long-haired coat with a sort of burnished brown tint to it. Kerri's steer tends more toward compactness, but packing plenty of correctness and power under a shining jet-black hide. To date, it's been Kerri who has won the higher placings in earlier show runoffs.

The mother of the pair is three-eights Chianina, an Illustrator daughter, and the sire is a purebred Chianina. "A five-eights Chianina is usually a little more of the bloodline than you want," says Jamie. They're usually just a little too big, with not quite enough muscling.

Chianina breed support runs heavy in this family, early local promoters of the big white cattle that originated in Italy. While the Kohrs were once Hereford breeders, Angus later gained their favor as commercial and consumer beef preferences changed.

Jim Kohr has long been associated with the Lauxmont Farms beef and horse operation at Wrightsville, and spent a good bit of time working with the ranches that Lauxmont had maintained in Missouri and Montana. It was through Lauxmont's interest in the Chianina breed, and animals brought back from the western operations after dispersal, that the Kohr's enthusiasm for the "lean breed" has grown.

They maintain a herd of 70 brood cows on the farm, including about 20 of the Lauxmont individuals. The "Chi's," (pronounced "keys") as they're affectionately called, have become an integral part of the Kohr's commercial crossing and purebred programs, including some extensive embryo transfer work over the past few years.

Selection of a calf from the family herd for 4-H purposes begins early, as the calves are evaluated almost from birth, but more intensively as they reach the critical weaning age. "After a couple of weeks, you have your eye on a calf," according to the sisters.

"We go for smaller calves, for Farm Show, and not necessarily the thickest," elaborates Jamie. "Plus, we look at the bloodlines."

During post-weaning, calves go on the farm's feeding program of home-ground grains and corn silage, with an extra helping of corn and protein supplements of Calf Manna. "You can't make a mistake feeding Christmas," Jamie hastily adds, plugging in another plus for the family's favored breed.

A 19-year-old sophomore at Penn State York, majoring in ag business, Jamie is a sort of right-hand man to Jim in his supervision of the Lauxmont Farms beef herd. She's been a member of the state's meats judging team, and competed at the national contest at Kansas City, and is a member of York County's senior livestock judging team. Although she hasn't yet pinpointed a career, Jamie does plan to continue college at a western university, and remain in some type of agriculture work.

Farm Show is always a thrill for the Kohr sisters of York. This year, Kerri (left) and Jamie will exhibit a pair of May, 1984 twins in the steer show.

Kerri, a sophomore at Central High School, also plans college studies, but hasn't settled on any particular field, although she "loves working with kids." Also a 4-H livestock judging enthusiast, Kerri is a member of the county's junior team, which won state honors at 4-H Achievement days at Penn State.

Both also embrace the Kohr family's love of tennis. A sport their parents have enthusiastically pursued - there's a court just outside the house. Tennis skills came early to the Kohr children; and they grew up with rackets in their hands right along with beef halters and feed scoops.

Kerri is ranked at the top of the tennis list at Central, and Jamie holds the second ranking at the York Penn State campus. But the key tennis "talk" of the family is son James, attending North Texas State on a tennis scholarship.

On the cutting edge of the beef business is where the Kohrs seem destined to remain. Already they anticipate yet a new trend in the business, the crossing of the lean, leggy, growthy Chianinas to the milk-producing abilities of the Holstein dairy breed.

In fact, A Kohr-bred, Chi-Holstein cross entered in the November KILE show at Harrisburg snagged first place in its class. The black and whites originally came to the beef operation as embryo recipient heifers, and breeding them back as part of the commercial cow-calf herd is but one way of extending their usefulness.

So, even though this is Jamie's last Farm Show, at least as a youth exhibitor, there will likely be Kohr steers at the January show for several more years yet to come, Kerri still has several seasons of 4-H competition to anticipate, and project steers, of whatever crossing, yet to be born, before the thrill of being part of the Farm Show comes to an end.

Jogging is good for steers, too. Kerry (left) and Jamie walk their twins a half-mile every evening.

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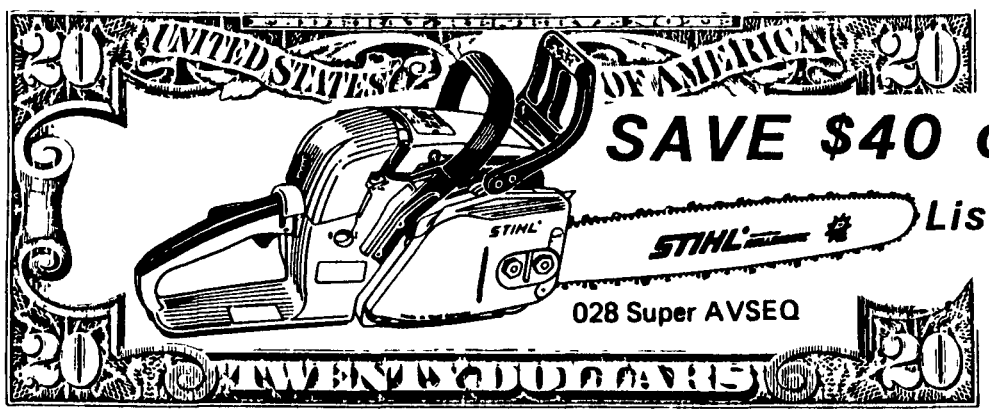

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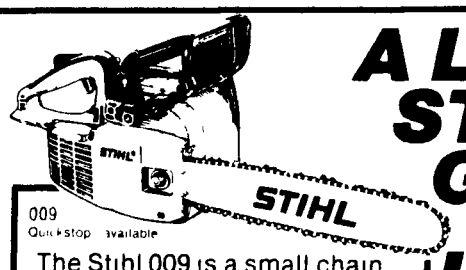

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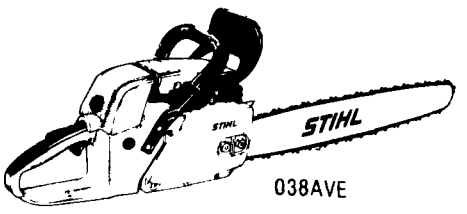

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Twin Valley FFA'ers win national awards

ELVERSON – Members of the Twin Valley FFA who participated in the national FFA livestock judging and showmanship contests returned with gold and silver medals for their efforts.

In the stiffest competition, Rod Stoltzfus earned a silver medal in livestock judging, while the Pennsylvania FFA team earned a bronze medal in overal competition.

Rod, with Greg Woodring from the James Buchanan FFA Chapter; and John Eaton, Jr. from the Red Lion FFA chapter, formed the PA FFA livestock judging team, having previously placed first through third respectively in the state contest last June. The team was accompanied by Ronald Frederick, vocational agriculture teacher at Twin Valley High School.

Rod was required to place six classes of animals, breeding and market classes of beef, sheep, and swine. One class of oral reasons was given on each type of livestock. USDA market grades were assigned to classes of market swine, slaughter steers, and feeder steers.

Contestants also had to select the best beef heifers and gilts for breeding stock from animals presented, using both sight characteristics and production data.

A 1985 graduate of Twin Valley High School, Rod is the son of Mr. and Mrs. John W. Stoltzful of R2 Elverson. He was the president of both the Twin Valley and Berks County FFA Chapter in the 1984-85 school year.

Rod won the right to represent Pennsylvania by winning the state FFA judging contest last June. He had also won the judging contests at the Kutztown, Allentown, and Reading Fairs and the Berks County FFA Contest. He is employed on the Titus Beam livestock farm.

In livestock showmanship competition, three Twin Valley members competed and earned awards. These students, selected at random from those interested, helped to present the animals being judged to the livestock judging contestants. Kate Hicks and Bob Bell both received gold medals, with Ann Kline receiving a silver medal. Kate and Ann showed sheep, while Bob showed swine.

Kate is the daughter of Mr. and Mrs. Robert Hicks of R2 Elverson; Bob is the son of Mr. and Mrs. Robert Bell of R1 Mohnton; and Ann is the daughter of Mr. and Mrs. Paul Kline of R1 Birdsboro. Kate is a senior at Twin Valley, Ann a junior, and Bob a sophomore. All have livestock projects.

The national livestock judging contest was sponsored by Purina Mills, Inc. The contest is held in conjunction with the American Royal Livestock and Horse Show in Kansas City, Mo during the 58th national FFA convention. The livestock contest is one of the oldest FFA contests, having been held in Kansas City annually since 1928. It, as with all other National FFA Contests, pits state winning teams against each other. Plaques and trophies are awarded to the winning teams and individuals. As the sponsor, Purina provides travel money for each team and their advisor, as well as an awards breakfast for all participants.

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Published by the National Broiler Council, the book is available at the special price of $1.75. Send check or money order (no cash) to: Chicken Cookbook, Department NBC, Box 307, Coventry, CT 06238.

Included in the book are instructions for entering the 37th Cook-Off, which will be held in May, 1987, in Jackson, MS. Deadline for entries is Oct. 15, 1986.

A finalist from each state and the District of Columbia will each receive an expense-paid trip to the Cook-Off, where they will compete for the top prize of $10,000 and four additional prizes totaling another $10,000.

Lancaster Pomona 71

Lancaster County Pomona Grange No. 71 will hold its regular meeting at Leamon Place-Paradise Fire Hall as guests of Pequea Valley Grange No. 2078 Saturday, Jan. 18 at 8 p.m. Master Clifford W. Holloway Jr. will preside when the new officers will be installed for a two-year period and action will be taken on resolutions.

There will be a covered dish dinner at 7 p.m. Members should bring a meat dish, another dish and place settings. Rolls, butter and beverage will be provided.

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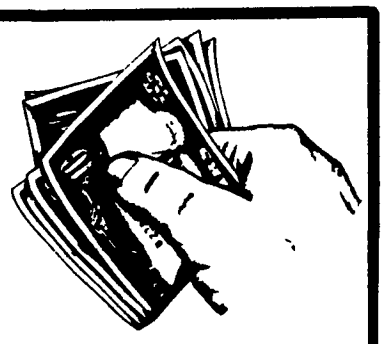

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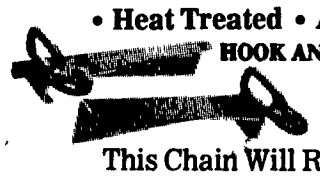

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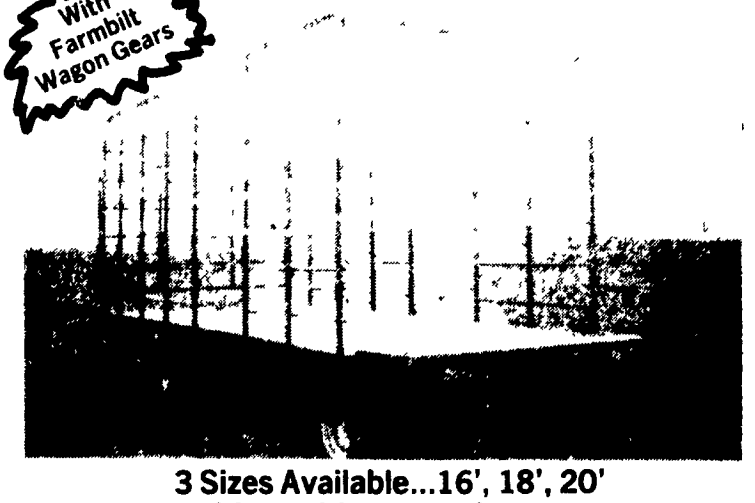

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Sheep to Shawl Contest set for Wednesday

HARRISBURG — Fancy fleecing and winning spinning take place Wednesday, Jan. 15 at the 70th Pennsylvania Farm Show, as nine state teams take to the small arena to compete in the sixth edition of the Pennsylvania Sheep to Shawl Contest.

The contest provides Farm Show visitors an excellent opportunity to see superbly skilled, specialized teams fashion high quality, attractive shawls from scratch in approximately two hours.

Competing in this year's event are: The Spinning Wooletts of Berks County; the Butler County Pedalers of Butler County; the Barefoot Treadlers of Lebanon County; the Pick-A-Way Spinners of Berks County; the Bobbin Bunch of Lehigh County; the Fiber Friends of Schuylkill County; the Welsh Mountain Kindred Spirits of Lancaster County; and the Hill and Hollow Handspinners of Huntingdon County. In addition, the Cottontail Twisters, a group of 4-H'ers from Butler County, will present a brief demonstration of their wool workmanship.

Each team has a shearer, weaver and three spinners. The shearer must shear the entire sheep before spinners turn the wool into yarn. The weaver's creation must be a shawl at least 80 inches long and 22 inches wide. The final products are then the focus of attention in a spirited shawl auction that follows the contest. Teams earn prize money and a special plaque for their efforts.

The Pick-A-Way Spinners of Berks County, winners of the 1985 contest, attained national recognition by selling their shawl to veteran buyer Rich Brandt Real Estate of Reading, Berks County, for an impressive $600. The second place team, the Bobbin Bunch, sold its shawl to Marvin W. Waid, also of Berks County, for $380. Auctioneer for the annual event is Harry Bachman of Annville, Lebanon County. All members of the audience are invited to participate in the bidding.

The Pennsylvania Sheep to Shawl Contest is sponsored by the Pennsylvania Sheep and Wool Growers Association in cooperation with the Pennsylvania Meat Marketing Program and the Pennsylvania Farm Products Show Commission. For additional information contact the Pennsylvania Meat Marketing Program, 2301 N. Cameron Street, Harrisburg, PA 17110-9408 or phone (717) 787-5086.

Farm and Home meeting set

LANCASTER — The Annual Meeting of the Farm and Home Foundation of Lancaster County will be held Thursday evening, January 30, 1986, at 6:30 p.m. in the Farm and Home Center Auditorium.

The program will feature MIKE KING, speaker, author and singer, who will present his challenging adventure on a wheelchair from Fairbanks, Alaska to Washington, D.C. A short business meeting, including election of Directors, will be held.

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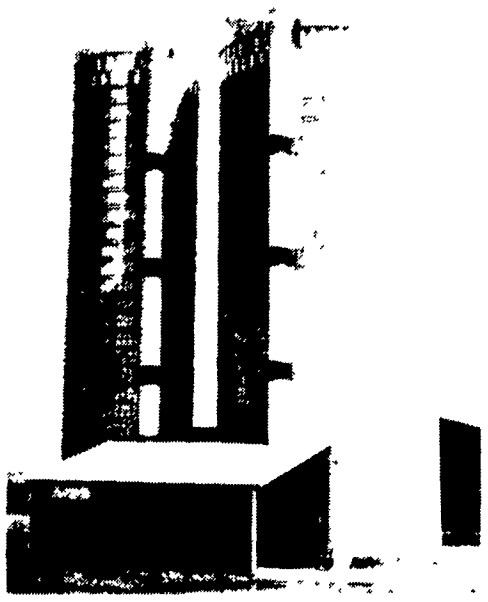

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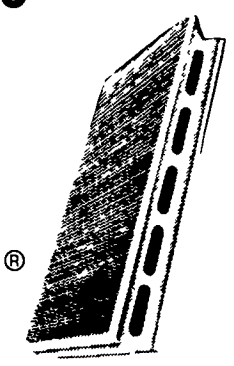

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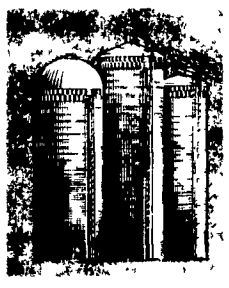

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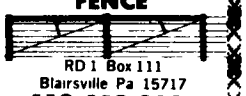
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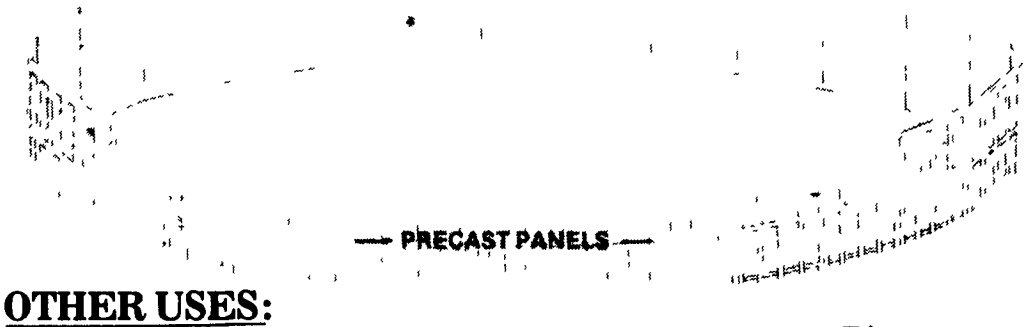

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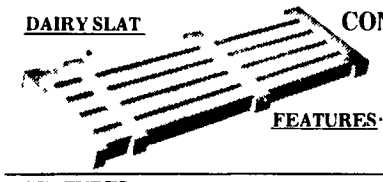
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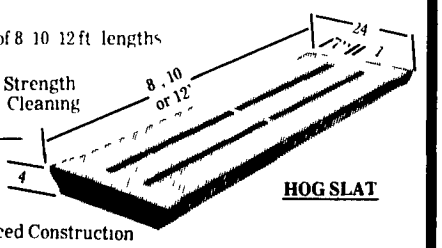

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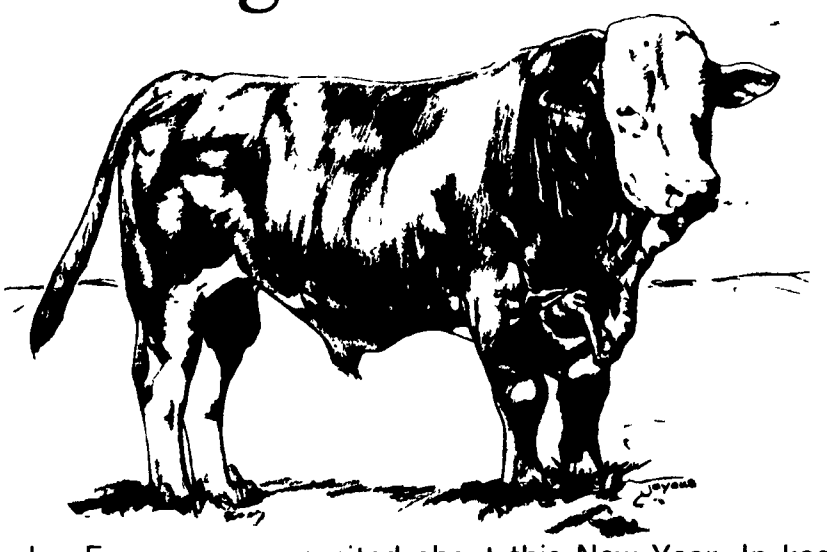

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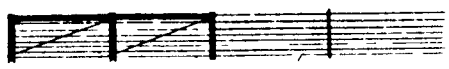

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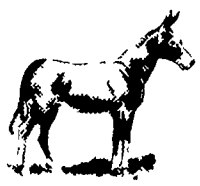

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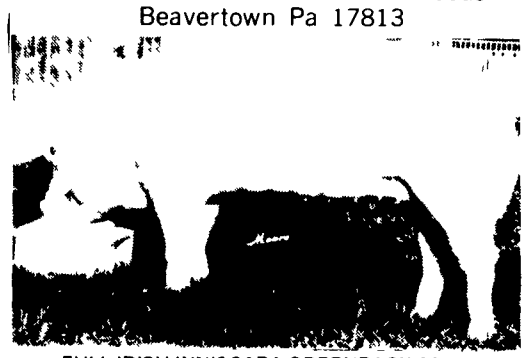
Ph. 717-867-1809

Brooks End Farm
Par Kay Farm
"Mother Herds" of the Mother Breeds
Beavertown Pa 17813



FULL IRISH INNISCARA GREENBACK 3044
This is our kind of mother She is the right kind of mother She is the mother of our $3900 00 top selling bred gilt in our Oct 1978 sale

ANNUAL WINTER SALE
At the farm
FRIDAY, JANUARY 17
1 P.M.
SELLING 200 HEAD
70 BRED GILTS-90 OPEN GILTS
40 SERVICE BOARS
LARGE WHITE-LANDRACE
"THE PIG OF TOMORROW is at OUR PLACE TODAY"

★★★★★★★FLASH★★★★★★★

1984 Boar Test Winners
We won the PA boar test station w/large white boars sired by King David. Top indexing boar (index of 154) sold for $1550. to the NJ Correctional Industry. We had second top indexing pen of Boars at the NY test station w/the high selling boar over all breeds $675. Selling to John Peters, Schuylersville, NY.

We Won again In 1985.
NY test station high indexing and top selling boar sired by Paramount purchased by John Hanson. Berlin, CT, $725.

Delaware Boar Test Station 1985
We had the two high indexing boars sired by Danny (Irish), purchased by Shur-Gain Farm, Maple, Ontario, Canada, $925 and by Gerald Swartley, Waterlook, NY, $850. Our Paramount boar at DE test station sold to Edwards & Edwards, Rich Square, NC, for $975.
These were the three top-selling boars at the DE sale.

YORKSHIRES - LANDRACE - DUROCS

Visit our farms or come to one of our production sales - four each year - Jan , Apr , June and Oct

Healthy Herds
Pseudorabies & Brucellosis Certified Free

BROOKS END & PAR-KAY FARMS
Park and Reno Thomas and Mark Stehr,
Beavertown, PA 17813
Phone 717-658-6544-Park
5821-Reno 7007-Mark
Auctioneer, Mike Jones, West Point, GA 978

Chester White, Duroc and Spotted Service Age Boars. James Parlett, R.D.2, Box 176, Airville, Pa. 17302. 717-862-3610

For Sale: Berkshire, Hampshire, Yorkshire Boars. Service Age. Terry Bennecoff. 215-285-6582.

Six 3-way cross bred gilts due January 25. 717-354-9370.

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F. Thomas, Beavertown, PA. 717-658-6544.

Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831.

FOR SALE: Six white service age boars. Franklin Co. 717-762-2807.

FOR SALE-Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921.

4x10' hog gang slats for sale. $50 per slat. Call 717-665-6596 for details.

Sale: 2 round, 12 hold, 1 ton hog feeders, $100 or best offer. 717-665-7863.

ARNOLD'S 40th HOG SALE

Saturday Afternoon

February 8, 1986 1:00 P.M.

DUROC - CROSSBRED - LANDRACE - YORKSHIRE

Lebanon Fairgrounds, Lebanon, Pa.

Auctioneer - Harry Bachman
AU-000033-L

70 BRED GILTS

Handmated - due February 13th thru April. Many Sired by & Carrying Service to Top Test Station Boars. Purebred Gilts Bred for Cross Bred and Show Litters. Crossbred Gilts Bred For 3 Way Cross Litters.

Pennsylvania's Record Selling State Sale Bred Gilt

40 BOARS Seven to Eight Months Old. Durocs by "TRUCK". Four sons Pa. State Test 152D/230#, 2.46 FE, 1.95 ADG, .72 BF, 5.46 Loin, index 113. Sold $544. "ANGLE" 2.7 ADG, 149D/230#, .79 BF, 5.49 Loin, 2.52 FE, Yorkshires by "AWESOME" Ohio test 159D/230#, 1.93 ADG, .66 BF, 5.7 Loin, 2.75 FE "KEYSTONE" $725 - Pa. State Test 2.23 ADG, 151D/230#, 2.59 FE, .79 BF, 5.75 Loin, Index 125. "TOO RUFF" High indexing pen Ohio test $900, 2.51 ADG, 142D/230#, .86 BF, 5.34 Loin, 2.43 FE index 132.

40 OPEN GILTS Registered & crossbred ready for service. All animals vaccinated for rhinitis, erysipelas, lepto & parvo. Validated brucellosis & pseudorabies free herds.

Catalogues Available January 25th Call or Write

Yorkshires-Crossbred-Landrace	Next Sale	Durocs
Leon L. Arnold	April 19, 1986	Lawrence Arnold
R.D. 7, Box 705	Breeding Hogs &	R.D. 1, Box 309
Lebanon, PA 17042	Project Pigs	Womelsdorf, PA 19567
717-273-5880		717-933-8153

DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
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Kenneth Ketterer
Phone 717 423 6250

DUROC YORKSHIRE
Boars & Gilts
Noland Freeze Guards
Port-A-Hut
LEMMON FARM
RD 1, Newburg, Pa. 17240
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PHONE 717-274-3488 LEBANON PA.
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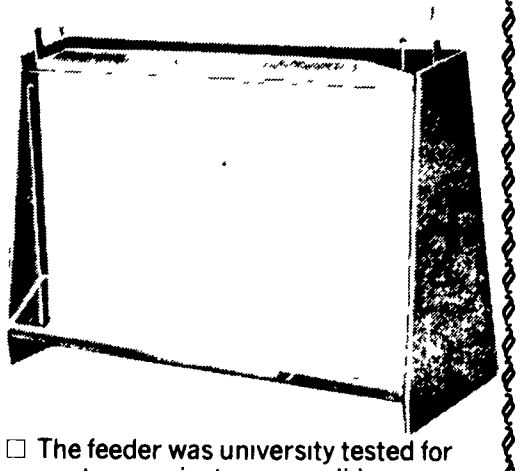
SWINE SYSTEMS

CAN. CON. SYSTEMS HOG EQUIPMENT



- ☐ The feeder was university tested for wastage against seven well-known hog feeders and against floor feeding
- ☐ The feeder ranked #1 in saving feed from ½% better than nearest feeder, to 13% over floor feeding You go with the best
- ☐ University tested for wastage:
  pelleted feed 1.54%
  ground grain 1.57%
  high moisture corn 2.75%
- ☐ Standard feeders are available in lengths 37" to 10' or built to fit a particular application

Feed Bin and Flex Augers
Farrowing Crates - Nursery Pen
Rotary Feeders - Gestation Stalls
L-P Heaters - Hog Fencing

John S. Zook
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Gap, PA 17527

Yorkshire & Hampshire Service Age Boars. 25 Crossbred Bred Gilts. Commercially Priced. Validated Pseudorabies Free Herd. Will Deliver.
John Strawbridge
301-941-1122

Illinois Feeder Pigs. Hugo Feeder Pig Co., Centralia, IL. All pigs vet inspected from psuedo-rabies free herds. Sold on approval, 30-100 lb. Call Collect, Bob Tindall, 513-462-8797.

13 HOG EQUIPMENT AND SUPPLIES

HOG EQUIPMENT BY PALCO: See Us At The Farm Show, Lower Level, Main Arena w/Palco Livestock Equipment. SUMMIT SYSTEMS INC. 800-242-3240 or 814-735-3293.

New 80,000 BTU LP gas heater, $285. Also, 10,100 & 20,000 BTU overhead gas utility heater w/non-electric thermostat. 717-354-5691.

6th Year At PA Farm Show!
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RD 1 Box 111
Blairsville, Pa 15717
412-459-8991

BUSY ACRE FARMS

GRAND CHAMPION BRED GILT OVER ALL BREEDS AT THE KEYSTONE CLASSIC

We have entered 7 Durocs, 9 Spotted, 9 Yorkshire bred gilts to the PA Farm Show. Bred just right for Club project litters.

We will also be at the PA Yorkshire Spring Show & Sale in March.

Annual Spring Sale cancelled. For sale at the farm - 7 Spots, 16 Yorks, 8 Duroc bred gilts to farrow in February. Also, boars & open gilts. Brucelosis free herd #26. PRV free herd #18.

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& Sons
4290 Bridge St.
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Durocs & Yorkshire

Lazarus Bros.
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Germansville,
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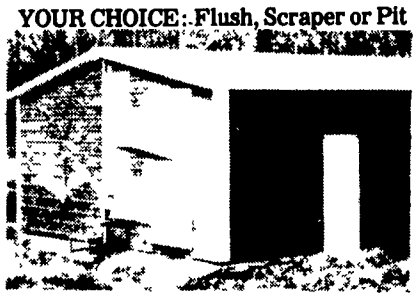
Spotted & Chester Whites

Factory-Built Swine Building Farrowing/Nursery Combination

Farmcraft

YOUR CHOICE: Flush, Scraper or Pit



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NEW LOW LEASING AS LOW AS 5%

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(1) Farmcraft Nursery Building w/320 Feed Pig Capacity
Lease or Buy

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w/Hydraulic Endgate, 350 Bu
SAVE $2,200

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For Sale: Processing equipment: Grader, packer, closer, turn table, vacuum pump and poultry house equipment: 36" fans, auto. vent system, auto. feeders, hart cups. 717-285-5050

Sell direct to us for cash.

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- * Pigeons
- * Bantams
- * Pullets
- * Capons
- * Rabbits
- * Guineas
- * Chuckers
- * Turkeys
- * Lambs
- * Goats

JACK MINTZ POULTRY
215-267-4784

FREE CHICK CATALOG

Reds, Barredrocks, Sex-Links, White Rocks, Black Giants, Cornish Cross, Ducks, Turkeys, Geese, Guineas.
Write or Phone
1986 Price List
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One battery powered feed cart w/charger, $200. One gasoline powered feed cart, extra parts, $150. 215-562-4595 eves.

Complete Storm Nest System with 102 sections hand gathering rear rolaway nests; 3 Lines Choretime feeders, each 220' long. Good condition. 717-687-7555.

Dutchman gas brooders, Keenco feeder water jars, 8' fountains, 15 ton feed bin. Make offer. Montg. Co., 215-256-0731.

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Baby chicks brown and white egg layers, Cornish-Giants, turkeys, ducks, geese, guineas, gamebirds. Case Hatchery, Brodbecks, PA 17329. 717-229-2933 or 235-2050.

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Will buy moldy grain. 301-833-1847.

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Quality Ear Corn, Alfalfa, and Barley Straw.
Reasonable.
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For **COMPETITIVE PRICES**
DEPENDABLE SERVICE
PROMPT PAYMENT
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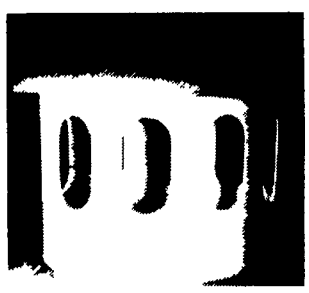
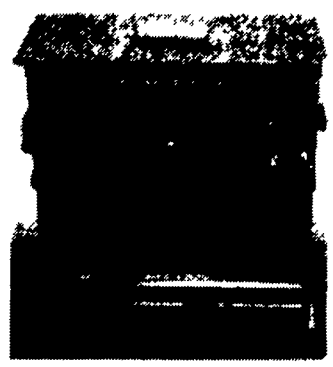
Plastic Pigeon Or Poultry Fountain



10" in diameter holds a full gallon The openings are 3" up from the bottom 4" long and 2" wide Smoothed edges Top — Easy to remove for cleaning and refill but fits tight Smooth covered surface keeps birds from roosting on it This versatile fountain can also be used for feed and grit Very sanitary because it is so easy to clean
Cost Per Fountain ..... $14.75 pp.
★ 4 Fountain Special ★ ... $14.75 pp.
Prices Subject To Change

Build Your Own Cafeteria Feeder



Plans to build a cafeteria feeder that will save you feed and time! A three compartment adjustable double sided feeder Holds ap proximately 100 lbs of feed! MATERIALS Plywood 1/8"x1/8" screen staples and nails ***"A great virtue of cafeteria feeding"*** is that it obviates the necessity of twice daily feeding afford the owner more time and especially peace of mind if short absences are desired
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Timothy, Alfalfa & Straw.
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Buyer will haul.
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(9 to 5)

WANTED
Extremely nice alfalfa grass mix hay. Prefer orchard grass or Timothy.
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15 FEED AND SEED

1300 Bales of clean wheat straw. 1300 bales of clean oat straw. 600 bushel of oats. Berks Co., 215-779-3284.

32% liquid protein, wholesale/retail from manufacturer. Dealer inquiries invited. Call collect, 301-343-0343.

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Dry Shelled Sweet Corn, 10+% protein, good feed, $75. per ton. F.O. Mitchell & Bro. Inc., Perryman, MD. 301-272-3638 Day, 301-272-2620 Night.

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Good heavy oats delivered in 850 bushel lots. $85/ton. 717-933-4687.

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Oats delivered, $1.50 bushel. 717-534-1253.

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343.

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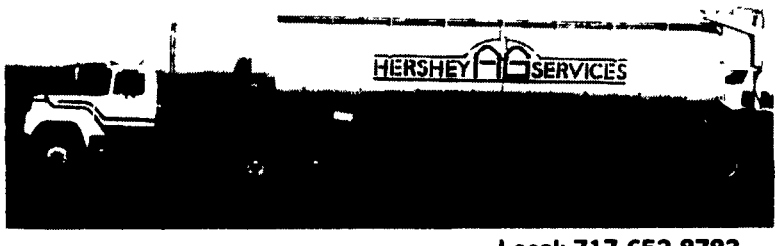

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Use Poultry Manure & Mushroom Soil
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Polyethylene Storage Tanks
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1050 gal. vertical..... $365
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January Special Pricing
Also Available on Sprayer Tanks, Nurse Tanks, Large Vertical Tanks, P.V.C. Hose, Rubber Hose & Fittings

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95% Passing 100 Mesh

- Delivery w/Dry Spreaders Or Dump Trailers
- High Magnesium Lime Available
- Serving PA And Surrounding States
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KEYSTONE AG
Myerstown, PA 17067
(717) 933-4400
TOLL FREE In PA: 1 (800) 932-4613
Ext. 10
For The Best Prices In Lime, Call Anytime

17 PLANTS

Order Jumbo Tomato Plants
Now For Greenhouse Crop.
LOVEVILLE GARDENS & GREENHOUSES
RD 1, Box 219, Bishop Rd.
Mechanicsville, MD 20659
301-373-3333
C R Weaver, Grower

Bedding plant seedlings; begonias, petunias, impatiens and more. Write for pricelist. A.B. Martin, RD2, Box 664-A, Mohnton, PA. 19540. 215-445-4486.

Produce farmers order your greenhouse grown plants now. Spring crops of cauliflower, broccoli, cabbage, tomatoes & peppers. Call 215-445-4852, Goodville, Pa.

18 FRUITS AND VEGETABLES

2,000 one bushel apple crates, priced reasonable. Call after 7 p.m., 301-239-7252.

19 NURSERY

JD 350-C loader, 1,850 hrs new pins, bushings, sprockets, ¾ yard bucket, ROPS, $20,000; 540 Caretree, 40" transplanter, $4,000, w/quick-tach; 9 Dow general trailer, 9 ton, $4,000. 215-582-4143.

BRADFORD'S HOOF TRIMMING
301-378-4603 or 301-838-5105.

Local or long distance general hauling. 717-354-5341

NEW
TEXTUREATOR®
MOBILE ROUTES Now Forming

Features:
- Textureated Ear Corn Milling (Cob Hammered, Kernels rolled)
- Roller Mills
- Hammer Mills
- Electronic Scales
- "Texture Saver" 2 Ton Mixer
- Vegetable Oil
- Molasses

CALL
For Information or if you would like to see a Feed Sample.
LEBANON & W. BERKS CO.
BRANDT'S MILL
Lebanon, PA
(717) 272-6781
LANCASTER CO.
MODERN MILLING CO.
Lititz, PA
(717) 626-8318
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Feedmobile® Inc.
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KEITH E. LENTZ, LIVESTOCK
DEALER OF LIVESTOCK
COMPLETE HAULING
24 HOUR DOWN COW SERVICE
R.D. 3, DILLSBURG, PA
(717) 697-2052

TOBACCO HAULING
60 bale loads or less
C.S. Eby
Paradise, PA
717-687-6412

NOTICE
Dangler & Williams arch support specialists from Ohio are now making regular trips to your area. (PA, DE, VA & MD).

They will be giving free footprints to see if you need arch supports.

The arch supports are hand crafted from a light-weight leather made from impressions of your feet. Your feet are like the foundation of a building. If you strain your feet, it can cause you to have trouble in other parts of the body.

Anyone interested in a free examination please contact us, write or call
216-632-5557
Dangler and Williams
16885 Kinsman Rd.
Middlefield, Ohio 44062
Since 1910

IVAN ZOOK & CO.
GEN. HAULING
Equipment - Hay - Straw
R.D. 1
GAP, PA 17527
717-768-3052

DANIEL S. SMUCKER
BUILDER
AGRICULTURAL - RESIDENTIAL
Specializing in Pole Bldg's
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General Hauling
Cattle truck and 14' Flatbed Dump. Haul anytime and anything.
717-284-2322

SHIELDS LABORATORIES
SOIL & WATER TESTING
OPEN Mon.-Fri. 8:30 AM-5:00 PM
Located: 13 Ridge Road
(Off Owl Hill Road)
Lititz, PA 17543
Phone (717) 627-2520

20 LAWN AND GARDEN

David Bradley garden tractor w/attachments. Asking $145. Lanc. Co. 717-786-7143.

ESTATE FINISH LAWN MOWER: 3PTH, PTO drive, 5' rotary. New $900. 215-346-7340.

21 SERVICES OFFERED

General hauling with gooseneck trailer. Long or short hauls. Hay, farm machinery or most any freight.
Phone
717-933-4616

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042. 717-865-6611.

22 CUSTOM WORK

Little Boston Manure Hauling will haul wet or dry. Call for details. 215-593-5676

Mill Creek Conveyors
We Custom Build Wooden Chain Conveyors And Tapered Board Feeders
Samuel K. Stoltzfus
550 Beechdale Road
Bird in Hand, PA 17505

23 HELP WANTED

Assistant manager: Orchard market, bake shop, fruit sales. Highland Orchards, West Chester, PA. 215-269-3494.

Experienced help wanted to strip tobacco. Lancaster Co. 717-872-5620.

Family Beef and Grain Farm needs all around help including working w/cattle, crops and maintenance. Must be honest and dependable. Good housing and benefits. Eastern Shore of Maryland. Excellent long term position for right person. Call Stoney Duffey. 301-758-1779 after 6 p.m.

Farmer who has farm for himself or been key man on medium sized farm, need manager type and handy individual for all around work around small industrial plant on farm maintaining buildings and machinery and some farmwork. Exceptional opportunity. 215-384-4140.

FREE RENT: Responsible couple needed for work on private farm in Chester Co. Rent free in exchange for farm duties. Must be experienced w/ farm equipment & handling quality show horses & other livestock. Some weekends included. No smoking, no kids, no dogs. Please call 215-644-0776 days.

Fulltime herdsperson-/milker on 80 cow registered Holstein farm. Salary commensurate w/ability, housing and insurance provided. References required. Carroll County, MD. 301-346-7326

HERDSPERSON wanted for 275 registered and grade holsteins. Experienced preferred but will train. House available. Position available immediately. Lanc. Co. Lancaster Farming, P.O. Box 366, L-87, Lititz, PA 17543.

Hired person needed on dairy farm, no experience needed. Ephrata RD1, Lancaster Co. 215-267-7261.

Married person to work on steer & crop farm. Must have recent experience operating modern farm equipment & be able to repair & maintain machinery. Modern house & privilege. References required. Chester Co., 215-869-2527.

Maryland horse farm needs manager. Opportunity for couple. Tenant house available. Lancaster Farming, P.O. Box 366, K-90, Lititz, PA 17543.

MILKING HERDSPERSON: AI, herd health, no field work, 5-day work week, housing available. Fringes, references required. 215-767-4827.

Need a breeding person for 750 Sow Unit on the Lower Eastern Shore of Maryland. Must enjoy the work ethic. David Allison, Delmarva Farms, P.O. Box 32, Selbyville, DE. 19975. 302-436-5174

Need part time help on dairy farm. 20-25 hours week. Experience preferred. Start immediately. Located near Gap. 717-442-4452.

Person to work on dairy farm, milking and general farm work, house and benefits. Blue Knoll Farms, R.D.4, York, Pa. 17404.

Person to pickup and deliver eggs. Must be 25 years of age or older. Must have class 3 license and experience driving tractor trailers. For more information call between 8 a.m. to 5 p.m. Esbenshade Farms. 717-653-8061

Person with experience milking and general farm work. Husband and wife team preferred. Housing, utilities and good wage. 814-625-2281.

Retired farm couple to rent mobile home, $175/mo. Work as handyman as needed. Write to Weeping Willow Farm, RD3, Box 918, Mt. Joy, Pa. 17552.

Route Sales for established wholesale greenhouse. Commission to $35,000 plus. Looking for highly motivated self starter. Sales experience necessary. Apply in person. Geerling's Florist, Inc., Rt. 413, Pineville, Pa. 18946. 215-598-3412

Single or newly married generally handy person for work around farm, buildings, and small factory, no dairy. 215-384-4140.

Temporary live in companion/housekeeper for Grandmother. 2 weeks on 2 weeks off or flexible schedule. Transportation provided. Compensation negotiable. 717-627-0918 after 6 p.m.

WANTED: Family to milk cows, milking parlor, house available. Or will lease herd to qualified persons. 717-865-7268.

WANTED: Person for 70 cow dairy farm, experience preferred. New Holland area, Lanc. Co. 717-354-7510.

Wanted: Family to share in dairy farm operation. Jefferson Co. 814-427-2189 after 8p.m.

Working Manager for Poultry Farm. Must have good reference and willing to relocate. Housing and benefits. Good opportunity for qualified person. Reply to: Lancaster Farming, P.O. Box 366 K-91, Lititz, Pa. 17543.

Farm Equipment Appraisers needed. Are you familiar with Farm Equipment values? If you are, you may be qualified to become a Certified Farm Equipment Appraiser.
Call
208-734-7570
American Society of Farm Equipment Appraisers
P.O. Box 186
Twin Falls, Idaho 83303

Fertilizer Company in southeastern PA is interested in hiring a farm oriented person to operate fertilizer application equipment. No experience necessary, excellent salary & benefits.
Call Collect
Moyer & Son Inc.
215-723-6001
Ask for Ken

SALES POSITION OPEN
To travel central Pennsylvania. Representing established wholesale distributor of farm equipment, lawn and garden equipment and hardware lines, calling on dealers of above equipment. Draw against commission, medical and fringes.
Reply To
Lancaster Farming
PO Box 366, R-61
Lititz, PA 17543

WRITERS!

Lancaster Farming is looking for some good free-lancers.

We would like to expand our staff of free-lance writers throughout the Northeast and Middle Atlantic regions. We pay excellent rates for top-quality writers.

SEND SEVERAL WRITING SAMPLES AND A RESUME TO
Jim Everhart, Editor
Lancaster Farming
P.O. Box 366 - F.L.
Lititz, PA 17543

Lancaster Farming

23 HELP WANTED

Good Working Conditions

Manage your own department. Must have parts department experience. Qualified applicants call for appointment.

LANCASTER FORD TRACTOR
717-569-7063

SALES REPRESENTATIVE

Well established national company is seeking an individual to call on local farmers in north central Maryland. A candidate should have either a BS in Agriculture or some experience in sales. The company offers good pay and benefit package, plus company vehicle. Send resume or call to setup an interview.

CPS
P.O. Box 145
Keymar, MD 21757
301-775-7171

SALES AND SERVICE PERSON WANTED

Position available for energetic person to expand sales for feed business. Agricultural background is necessary with any knowledge of veal calves a plus.

Will service PA and MD. Starting salary plus commission on new sales and travel expenses.

Reply Lancaster Farming
P.O. Box 366, R-68
Lititz, PA 17543

SALES REPS NEEDED

in several areas including PA, MD, VA, and Carolina to service dealer accounts and direct sales to users.

If you desire above average income and have a proven sales background, would you be willing to make a total commitment to this sales position?

For more information see
U.S. Agri Systems
at PA Farm Show Booth N-25 in the dairy barn or call
800-222-2948
after Jan. 20.

AGRI-CAREER OPPORTUNITY

Salesperson needed for fast growing Dairy Equipment Dealership in Pennsylvania's dairy heartland. Commission potential to exceed $30,000 per year. Send resume to:

Lancaster Farming
PO Box 366 - L-89
Lititz, Pa. 17543

All replies treated with strict confidentiality.

ARE YOU SEEKING EMPLOYMENT or are YOU AN EMPLOYER SEEKING TO FILL POSITIONS

CONTACT The Agricultural Employment Specialists
NORTHEAST Agri-Employment Services
P.O. Box 233
Roaring Spring, Pa. 16673
Tel. No. **814-224-4542**

Sell Animal Health Supplies

farm to farm.
Must have dairy farm experience and be aggressive Guaranteed salary plus commission and excellent benefits
Call:
Animal Medic, Inc.
717-266-5611

24 SITUATIONS WANTED

Opportunity to purchase, salvage log houses/farm house flooring. Will travel from Adams County. 9-5, 717-334-5740.

Responsible young man, 27 with farm background desires agricultural related truck driving job. References available. Will Relocate. 215-593-5854.

WANTED TO RENT: Dairy barn w/house for herd of cows in Lancaster or Lebanon County. 717-738-1359

Young person looking for farming job. Experience in milking and feeding. Reply to Lancaster Farming, PO Box 366, L-88, Lititz, PA 17543.

25 BUSINESS OPPORTUNITIES

For Sale: Feed Store Business, excellent opportunity. Downingtown area. 215-269-0991

If you are interested in servicing the agricultural community & starting or expanding your current ag. business, stop at the PA Farm Show, Booth #40-N (in the dairy barn) or call 215-255-4641

27 PETS

23' Birch built-in kitchen cabinets. All appliances included. Available beginning of February. Must see to appreciate. Dauphin. 717-944-9155.

COAL & WOOD STOVES (Used)
EFEL Kaminar 420; Garrison I; Pennfield I; Coalbrookdale Hydronic
STOVES (New)
EFEL Kamina T-50% Off; Most Shenandoahs-25% off; Canterbury's-20% off
Wood Heat
Rt. 212, Pleasant Valley, Quakertown, PA. 215-346-7894.

For Sale: (1) Prizer Kitchen Range, very nice condition. Ammon Fisher, R.D.1, Bachmantown Rd., Ronks, Pa. 17572.

Rebuilt Electrolux, Kirby, Hoover, Eureka compact vacs, $64 and up. Also guaranteed rebuilt Maytag, G.E., Whirlpool, Frigidaire, Sears washers, dryers, ranges, refrigerators. Guaranteed used parts at ½ price. Handyman, 101 S.Railroad Ave., New Holland, PA. 717-354-0328.

27 PETS

Registered Blue Heelers (Australian cattle dog), excellent family and herd dogs. $50. 717-359-4862

Rotweiler puppies and one year old male registered. Cumb., Carlisle. 717-243-8328.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

Catahoula stock dogs and puppies for sale. Farm raised, excellent dogs. Call for information, 215-493-4900.

Chihuahua pups, AKC, shots, wormed, 2 males, house broken. 215-358-1669 evenings.

For Sale: One pair Red/White Husky's. Also, Basset Hound breeders. 717-776-7942.

Komondor pups, AKC, 5 months old, raised w/sheep to guard against predators. Reasonable. 703-822-5802

Pure German Shepherd Pups For Sale. Michelob's Finest Call Dean 717-627-0652

24 SITUATIONS WANTED

EXPERIENCED HERDSMAN: Seeks position w/40 to 60 head Holstein herd. Experienced in all phases of herd care as well as herd health and AI. Will consider some field work. Prefer Central Pa area. 717-359-5036

PUPS WANTED by Jo Jo The Dog Man

$ Top Dollar Paid $

I Need 330 Pups Mon., March 3

I will pick up pups in Kirkwood at 12 Noon; Quarryville, 12:30 PM; Georgetown, 1 PM; Strasburg, 1:30 PM; Intercourse, 2 PM; Terre Hill, 2:30 PM; New Holland, 3 PM; Ephrata, 3:30 PM; Blue Ball, 4 PM; Honeybrook, 4:30 PM; Morgantown, 5 PM.

Meeting Points Will Be By Most Post Offices.
I will also be at Roots, Manheim, PA - Tues., March 4th, 5-8 PM

I need 220 pups that day. There will be a $100 prize for the cutest pup purchased.

Call Jo Jo after March 1st if you have any questions on my Toll Free Number
1-800-524-1348
before 9 AM
1-609-452-8903
after 9 PM

P.S. The winner of $50 for the cutest pup purchased on Dec. 23 was Jake Allguyer, New Providence.

31 NOTICE

PUBLIC NOTICE - NOTICE TO BUYERS

The Farmers Home Administration has for sale the following property:

One (1) 1981 International Harvester Tractor, 4 wheel drive, Model 3588 2 plus 2, Serial Number U014166. Said tractor has 2002 hours on it.

Sales will be made by sealed bids. Sealed bids will be made on Form FmHA 1955-46 available at the local County Office or by calling (609) 769-1127. Each bidder will execute a form and attach to it a deposit of not less than 5 percent of the bid in the form of cash, cashiers check, postal money order, bank draft, or purchaser's check made payable to FmHA. Third party checks are not acceptable.

Prospective bidders may inspect the tractor at South Jersey Farmers Exchange, located on Route 40, at the railroad tracks in Woodstown, NJ. Hours are Monday-Friday from 7:30 a.m. to 12:00 noon and 1:00 p.m. to 4:30 p.m. and Saturday from 8:00 a.m. to 10:00 a.m.

The sale will be for cash or financing may be offered on both eligible and ineligible terms. Contact the County Office regarding eligible program terms and requirements. Ineligible terms are not less than 10% down with the balance at 11.8750% not to exceed 5 years. Preference will be given to a cash offer that is at least 96 percent of the highest offer requiring credit.

Opening of the bids will be public and will be held at the Salem County Office of FmHA located at 1000 East Route 40, Woodstown, New Jersey on Tuesday, January 21, 1986 at 1:00 p.m.

The Government reserves the right to reject any or all bids. Said property will be sold without regard to race, color, religion, sex, age, national origin, or marital status.

Sealed bids are to be submitted to Kevin P. Murphy, County Supervisor, in an envelope marked "Bid - Tractor Property" no later than Tuesday, January 21, 1986 at 10:30 a.m. Mail bids to Post Office Box 227, Woodstown, NJ 08098.

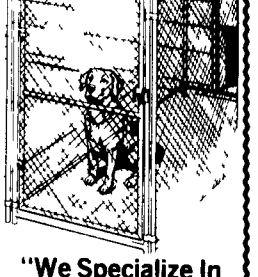
SHEARER'S BORDER COLLIES

Puppies, started dogs, trained dogs Also, Exhibition work and professional announcing
717-285-5338
388 Hershey Mill Rd.,
Mountville, Pa. 17554

Registered Australian Shepherds, reds & merles, have both parents, excellent dogs. 717-258-6389.

AKC male Black Lab puppies, $75. 717-393-1490

CUSTOM BUILT CHAIN LINK KENNELS



"We Specialize In Kennels"
Singles To Large Complexes
Apply To:
Quality Fencing & Supply
R.D. #1 - Box 428
New Holland, Pa. 17557
717/354-9760

WANTED Puppies For Pets

AKC, Purebred, Mixed Litters.
Stud service for most breeds
Transportation provided
Forest Ridge Kennel
296 S. Vintage Road
Paradise, PA 17562
717-442-4259

32 MISCELLANEOUS

Index milling machine, Bridgeport, $2,000; 18" Lodge and Shipley lathe, $4,000. 201-453-2088.

JD 350-C loader, 1,850 hrs., new pins, bushings, sprockets, ¾ yard bucket, ROPS, $20,000; 540 Caretree, 40" transplanter, $4,000, w/quick-tatch; 9 Dow general trailer, 9 ton, $4,000 215-582-4143.

Meat Grinders, Band Saws, Slicers & Tenderizers. New splitting saws, only $249. Gerry Grundy, Doylesburg, Pa. on Rt. 75, 200 yards north of Rt. 274. Open Sat. & Sun. 10 a.m. to 4 p.m., 717-349-7654. Evenings call 215-549-7584.

MUST SELL: Lost storage space & retired: HYDROTEX OIL: (1) 55 gal. barrel 750 Deluxe automatic trans. fluid; (1) 55 gal. Essentialube fuel conditioner; (1) 55 gal. Ford ATF, ESW-M2C33-L7052PB; (1) 35 gal. Lubrakleen oil Supplement. $400. each. Sch. Co. 717-345-8367

10½' Pinnacle Deli Case; 12' Produce Case; 8' Frozen Food Case; Remodeling make reasonable offer, all operating. Cedar Valley Grocery. York County. 717-382-4337

185 moving quilts, 72x80, $6 a piece. 215-646-9057.

1976 Regal Regency 21'6" fiberglass boat, 302 Ford inboard outboard w/Mercury drive, tandem axle e-z loader trailer. $8,500. Equipped for fishing and skiing. 215-869-2649 after 5 p.m.

4½'x10' wire mesh sheets, 1"x2" mesh, 14 gauge $3.00 a sheet. Delivery available. 717-354-5341

Bandsaw Blades made to order. Wood, metal or meat cutting. UPS shipping. 717-733-0511. Martin's Sharpening, R.#1, Ephrata, PA 17522.

Bought and sold new and used cardboard boxes, drums. Pint, Quart & Gallon Containers. Reliable Recyclers, 178 Greenfield Road, Lanc., PA, 17601, 717-397-7695

Buying old U.S. Coins, Indian Pennies, Large Pennies, Silver Dollars, etc. Call 717-665-6421

CASH for your piano or sell on consignment. Call Ken at 717-392-3233.

Electric or air hay saw, cuts wood, meat and hay, multi-purpose, $286 plus COD. Dealers wanted. 412-423-4076.

Electric Yale crane truck K42 SH-6-7-78 maximum capacity, 6,000 lbs. $600. 215-542-7980 215-646-9057.

FOR SALE 90 Folding metal chairs 201-369-3666.

FOR SALE: New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by appointment Myers's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169.

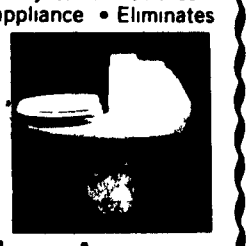
For Sale: Commercial quality butcher handsaws. $22.00. Also, blades in stock. UPS shipping. 717-733-0511. Martin's Sharpening, R.#1, Ephrata, PA 17522.

Index milling machine, Bridgeport, $2,000; 18" Lodge and Shipley lathe, $4,000. 201-453-2088.

THE DRY TOILET

Self-Contained Composting Toilet Needs No Water Or Chemicals

Replaces conventional septic systems with a self-contained bioconversion appliance • Eliminates wastewater discharge • Constructed from rugged stainless steel and non-porous plastic • Features positive venting for odorless operation • Easily maintained • The compact HUMUS 80 occupies only 25"x33" of floor space



Pump Services, Inc.
157 Knoxlyn Rd, Gettysburg, PA 17325
(717) 334-0224 or (800) 242-3909

WATER TESTING

Protect your investment for $29.00

Contaminated water can harm livestock & you!

After mailing this coupon with your payment you will receive a sampling kit along with instructions for sampling. You sample the water & UPS will pick up the kit at your front door the next day

NAME _____

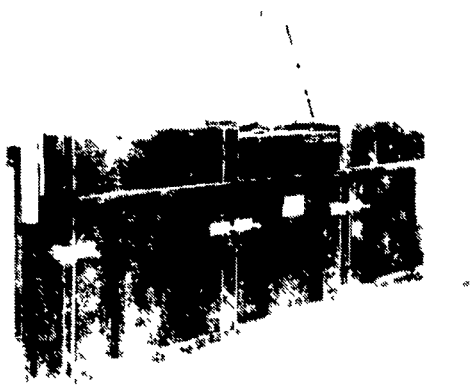
ADDRESS _____

PHONE _____

QUANTITY		PRICE
_____	Farmers Package (Total coliform, nitrate, sulfate) @29.00	_____
_____	Comprehensive Package (Total coliform, ph, chloride, nitrate, sulfate manganese copper) @69.00	_____
_____	Total Coliform @20.00	_____
	Total	_____

Mail coupon along with check or money order to
Hydro-Analysis Associates, Inc.
RD1, Noble St. Extension, Kutztown, PA 19530

MARYLAND TOBACCO



"The Art of Baling Becomes A Reality" over the course of history. Maryland tobacco has found its way to market in a variety of forms. From barrels to burlap sheets, to tied leaves. Now, a new method has been designed which makes packed tobacco more manageable.

A baling box machine can be used which puts up tobacco in 22 inch bales that weigh 75 to 80 lbs. These can easily be stacked or stored.

The basic machine is a three-bin model where tobacco is laid in according to grade. The tobacco is compressed into bales by use of an hydraulic cylinder powered by air. A jack type system can be used for those who may not have electric available. After the bale is compressed, it must be tied with cotton twine.

The use of the three-bin press allows more tabacco to be processed in less time.

For more information and details on these new tobacco press units - Call LANCASTER SILO CO., INC. We have units in stock for sale.

We have cotton tobacco twine in stock.

LANCASTER SILO CO., INC.
2008 Horseshoe Road
Lancaster, Pa. 17601
Ph. 717-299-3721

32 MISCELLANEOUS

New York Boiler, wood or coal, almost new, 90,000 BTU, used 3 times, $500. 215-F12-9350

Pole Buildings 24'x40' completely erected $3,999.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 Call Anytime.

Used exhaust fans, 36" diameter, double units, w/15 hp 3 phase motors. 717-768-8222 days. 717-687-8053 eves.

STORES, MARKETS & JUGGERS
Premium Ice Cream made in Lancaster County
½ gallons and bulk
ELIZABETHTOWN CREAMERY CO., INC.
Rear 519 S. Market St.
Elizabethtown, PA 17022
717-367-1389

New & Used Wood & Coal Stoves
Furnaces, Boilers, Over 50 Models.
Coal In Kegs
Heat Reclaimers.
Gas Sniffers.
WE TAKE TRADE-INS.
Old Columbia Cookstove Parts.
HIESTAND SUPPLY CO.
Box 96
Marietta, PA 17547
(717) 426-1921

33 RECREATIONAL VEHICLES

1984 35' Mallard house trailer, never used. Two bedroom, one with queen-size bed, one with three single beds, full bath, pull-out living room with sofabed. Fully furnished, $10,000. 201-782-2293 between 9-5, ask for Bill.

33 RECREATIONAL VEHICLES

For Sale: Scorpian Sting 440 snowmobile; Scorpian whip 440; little whip 340 Or trade for draft horses of equal value. Call 301-239-7799 evenings.

34 AUTOS

1974 GMC school bus, immaculate. Call 201-735-8389 after 6:30 PM.

'73 Light Blue VW Beatle, all new tires including new snow tires, AM-FM tape recorder w/new speakers, has been rust proof within the last 2 yrs., in good condition for age of car. Must Sell. Call Donna. 215-375-7118

'82 Pontiac J2000 station wagon, fully equipped, $2,995; '79 Olds Cutlass gas station wagon, nice car, $1,795; '82, 2DR Chrysler Labarin, 4SP, $2,495; '77 Chevy Chevette, black car, $895; '83 Pontiac J6000 V6 diesel, 36,000 mis., $4,995. Leroy Geesaman, 717-865-4304.

35 TRUCKS AND TRAILERS

'82 Dodge 150 Club Cab pickup, 318 heavy duty 4 spd., PS, PB, AM-FM. $5,700. 717-733-2873

'82 Ford F250 heavy duty ¾ ton Super Cab pickup, 351 4 spd., PS, PB, AM-FM, 8,900 GVW, regular gas. $6,950. 717-733-2873

'84 Chevy Silverado, heavy duty ¾ ton pickup, 350 auto., PB, PS, PW, DL, cruise, tilt, air, AM-FM, dual tanks, 8,600 GVW, regular gas. $9,950. 717-733-2873

'84 Ford F150 4x4 Super Cab pickup, 300 6 cyl., heavy duty 4 spd., PS, PB, air, AM-FM, dual tanks, 16,000 miles, excellent condition. $10,500. 717-733-2873

'84 Ford F350 4x4 Crue Cab pickup, 351 4 spd., lock out hubs, PS, PB, dual tanks, AM-FM, 9,200 GVW. $10,500. 717-733-2873

'84 GMC 3500 1 ton, dual wheel pickup, 350 4 spd., PS, PB, 10,000 GVW, excellent condition. $9,700. 717-733-2873

AIR-HYD. **Specializing In** 10,000 PSI HOSE
• JACKS • CYLINDERS • PUMPS

REPAIRS AND REBUILDING New & Used	Lincoln-Walker • Ausco • HeinWerner Weaver • Blackhawk • OTC • Enerpac

BEARTOWN HYDRAULICS
Rt 322, Midway Between Honey Brook & Blue Ball
Mon, Tues, Thurs & Fri. 7 AM - 5 PM
Call for Wed., Sat. & Even Hours
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1972 Ford Truck - L Model, equipped w/10' Boughman dry lime & fertilizer spreader. Air-lift booms. Excellent condition, $9,000.

1971 Ford Truck - L Model, equipped w/11' New Leader L-#30 box w/air-lift booms, for dry lime or fertilizer, excellent condition, $8,500.

1971 GMC Astro twin screw tractor, 318 diesel, wet lime, excellent condition, $7,000

1971 Ford L-9000 tri-axle, 318 diesel, 17½' aluminum box. excellent condition, $15,000.

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'77 Dodge 600, 318 w/4 spd., 17' rebuilt cattle bed. $7,500. 8 a.m. to 5 p.m. 215-932-2408

'82 Chevy C10 ½ ton, 4x4 pickup, 6 cyl. auto., PB, PS, dual tanks, 6,100 GVW. $6,400.; '81 GMC ½ ton, 4x4 pickup, 6 cyl. heavy duty 4 spd, PS, PB, AM-FM. $5,900. 717-733-2873

C60 Chevy Truck, stake body w/electric tailgate, 5 spd., good tires. Best Offer. Berks County. 215-488-6156

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IH 149 Cub Cadet
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Dual cylinders, Original Milage - 31,000, 350 engine, new tires, dump box 12'x7'4"x4' high, excellent all purpose farm truck. $4,500

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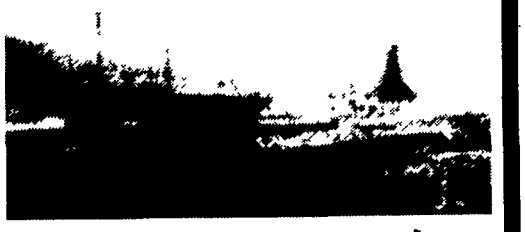

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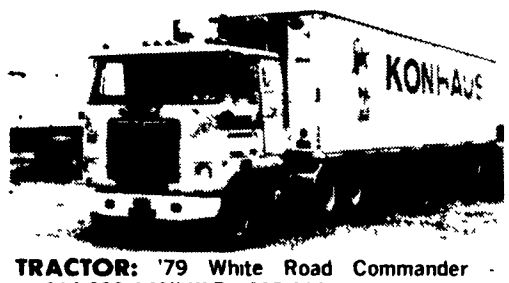

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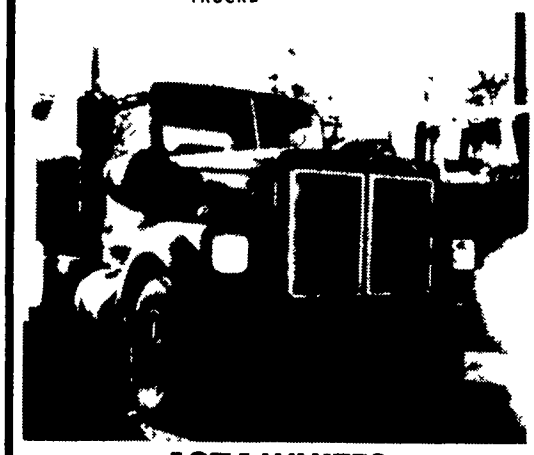

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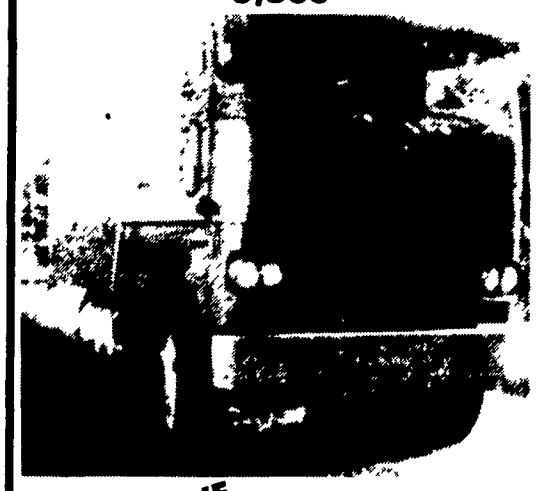

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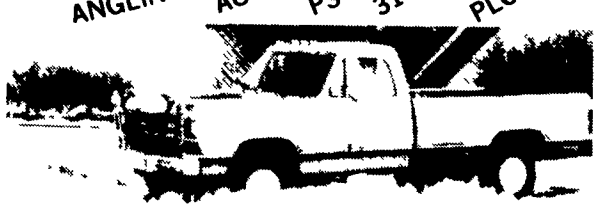

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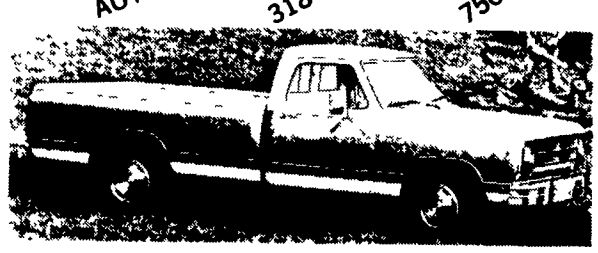

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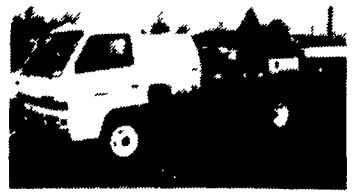

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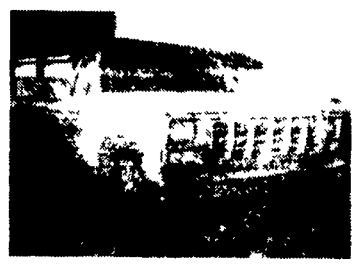

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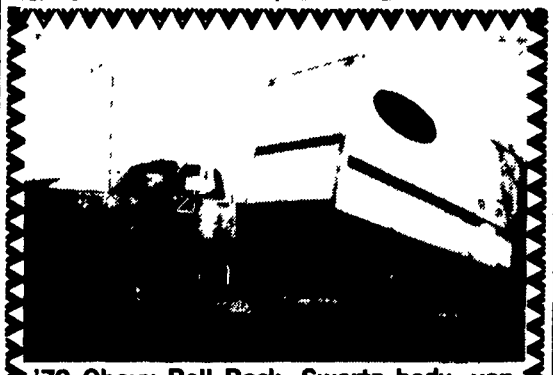

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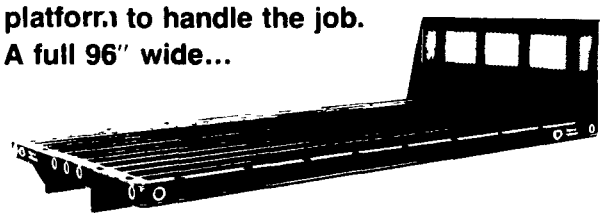

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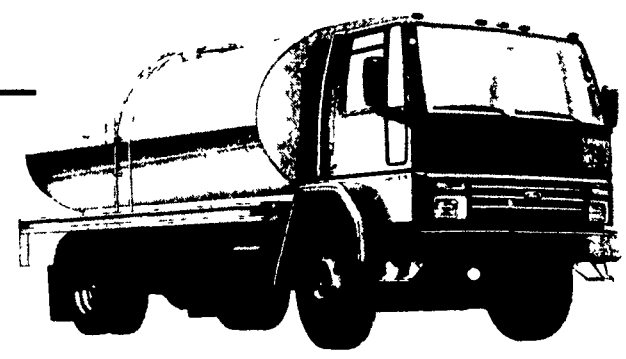

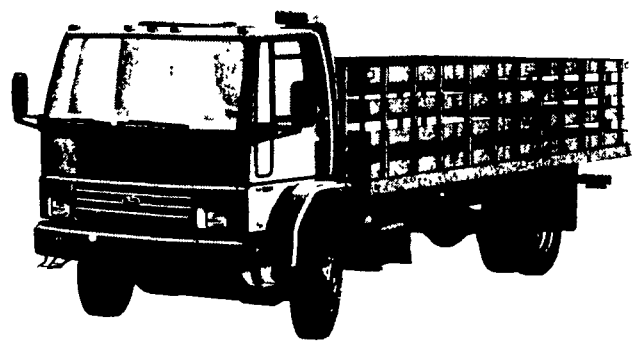

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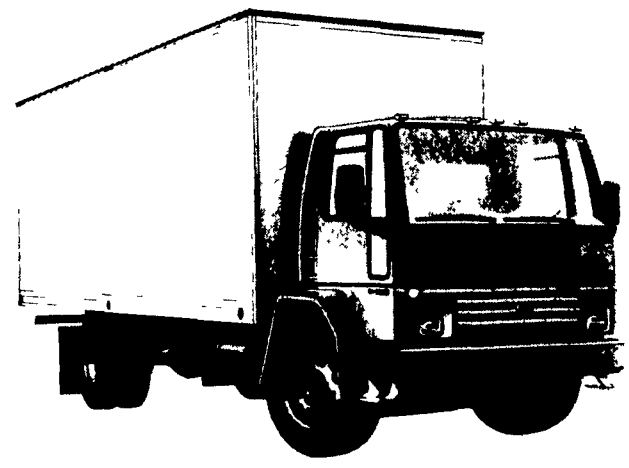

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FARM FOR SALE: Berks Co., 21 m/l acres, stone farmhouse built 1848, bank barn w/necessary sheds, meadow w/pond, rest tillable. Off Route 78. Call Anna. 717-865-3737

FOR SALE: 120 acres Lorotto, Cambria Co., 80 tillable, 30 wooded, isolated, beautiful, 2 silos, shed buildings 717-534-2421.

FOR SALE BY OWNER: Fancy, Bedford Co. Colonial Home (Red Brick). Summer house, 4-car garage, coal/wood furnace, oil burner, good water supply. Large barn, silo, loafing shed, implement shed, chicken house, brooder house, corn crib. 75 acres with stream, 5 acres woods, more land available. 814-839-2085.

For Sale: 400 acre dairy farm, 10 room house, barns. Buy all or will divide. Excellent terms to qualified party. Call 607-243-7339. Write, RD 1, Box 178, Rock Stream, NY 14878.

For Sale by Owner: Large dairy farm in Southern Illinois. Milk parlor, 2 silos, etc. Facility for 200+ cows. Several options of buying. 618-962-3203.

For Sale: Home along Routes 11 & 15, Snyder County, $21,000. 717-374-9937 between 8am & 5pm

Hunting Camp: Located Huntingdon Co. near Trough Creek State Park. 10 min. to Lake Raystown Resort. Fully equipped, ready to use. 814-944-4316 after 4pm

If you are planning to buy or sell your farm, call Lawrence Stouffer, our farm manager at Heyworth Realty, 301-733-3701 or 717-597-2584. We have qualified buyers.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

LARGE OPERATION: 20,000 birds equals $30,000 yearly income plus you get a 46 acre farm w/remodeled farmhouse & 4 car garage w/workshop above & nice tobacco barn. Accurately priced at $195,000. CALL NOW. Location-Elizabethtown, Lanc. Co. Speak to Dick Winey. Century 21, Autrey, Hoffer & Zink. 717-367-8508

1 Acre building lots for sale, Providence Twp., 10 miles south of Lancaster. 717-284-4601.

74 Acre Dairy farm: 25 stalls, 75 free stall barn, Mueller tank, Choreboy pipeline, self unloading silos, 12x50, 14x50, 2200 ton Lagoon, Morton shed. Located Stoughstown near Shippensburg, Pa. walking distance to Mennonite school. Make offer. 717-249-2097, 717-761-1910, Allen Peffer, Detweiler Real Estate.

80 acres land, Sarasota Florida. Broker. 717-464-5126 or 717-768-9361

100 x 5 bank barn, 9,000 sq. ft. red and white pine siding. York Co. 717-244-3175.

138 acre farm, Dornsife, Northumberland County, 70 tillable, excellent soil, 2 story bank barn, outer buildings excellent, several corn cribs, 3 car garage, work shop, 2 story 10 room house, new siding, pond. 717-758-2289

Do You Really Want To Sell Your Farm or Land?
Contact:
VanCleve Real Estate
717-392-3032

Northwest Berks County Dairy Farm
70 plus acres, remodeled 3 BR farmhouse, 45 cow barn and 2 story bank barn, 1,000 gal. tank, 16x60 silo. All in excellent condition. $275,000. Call for appointment
717-933-4859

FARM WANTED
Mature, experienced, well qualified individual would like to buy on contract or lease w/option, operating dairy farm. Have good adult help available for any size farm. Prefer owner financing or assumable loans.
301-551-2477

INVESTORS AND FARMERS TAKE NOTE!!
#671 - 280 acres, 200 tillable, well-drained, productive soils, 130 cow free stall w/double 8 parlor, 4 silos, 4 BR home, nice location. Ill health forces sale. $180,000. That is less than $2,000 per cow. All barn and silo equipment included.
Posson Realty
Norwich, NY
607-334-9727

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481
FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

ST. LAWRENCE VALLEY
Dairy Farms Stocked & Equipped or Bare, Homesteads, Vacant Land, Waterfront Property, Businesses. Write or Call.
FOURNIER REAL ESTATE
13 South Gordon St.
Gouverneur, N.Y. 13642
315-287-4065
Lillian Hamilton
Broker - Owner

LANCASTER COUNTY
100 A. Farm in Amish neighborhood, 85 A. productive loam soil. 15 A pasture, bank barn, large implement shed, 4 bedroom house with all conveniences.
BERGER REAL ESTATE, INC.
717-291-1228

175 acres, 40 stall modern dairy, brick home, fireplaces, good buildings. Only $185,000. Make Offer.
50 acres, good level farm land.
20 acres woods & stream.
Blue Ball Realty
Blue Ball, PA 17506
717-354-4536

FARMHOUSE FOR RENT WITH OPTION TO BUY
$225/month. Barn & outbuildings, 170 acres available to rent also. All with option to buy, very attractive price. Northern Potter Co. Mills area.
717-726-3707
814-383-2631

NEAR PENN YAN - THE BEST BUY ON EARTH, IS EARTH Breathtaking 550 continuous acre farm above Keuka Lake New York 330 tillable, and lots of woods This farm includes 3 houses 4 ponds several barns with silos and can be divided Large veal set up in place Former dairy operation Owner financing available For more information call
Century 21 Four Seasons
Penn Yan
315-536-7456

FARM-INDIANA CO., PA.
200 Acre producing farm. Located along Rt. 210 ½ mile road frontage, approx. 100 acres tillable, balance hardwood timber & pastures. Fenced with 5 strand wire, never failing spring water. Good Colonial style home with 7 rooms & bath, natural gas furnace, free gas for heating & spring water. A well maintained barn w/running water from pump or spring. Set up for Heifers, Beef or Sheep but could easily be converted back to dairy cattle. Large underground crop storage building, heifer shed, cement block springhouse. Located on black top highway w/school bus, milk trucks, etc. past door.
412-286-9671

WANTED TO BUY
Operating dairy farm in Berks or Chester County
* 40 plus stall barn w/cleaner
* Silo w/unloader
* 80 plus tillable acres
* Comfortable house in good repair

Reply to:
Lancaster Farming
P.O. Box 366, R-66
Lititz, PA 17543

JUG MILK OPERATION
Complete farm - lock, stock and barrel - 300 acres in Eastern Pa Ultra modern parlor and processing equipment, 250 Holsteins, ALL MILK SOLD DIRECT FROM YOUR OWN STORE! Information to qualified buyers only.
new pennsylvania realty, inc.
Contact:
Perry Long, 215-264-3025 or 717-386-5000

Due to a very successful year, I need a salesperson for Franklin, Juniata and Snyder Co. Also Northumberland Co. & surrounding counties.

Southern Northumberland Co.
Modern 200 Sow farrow to finish, Harvestore, 100 acres, 2 homes, plus 17 acre apple & peach orchard 4-12 yrs. of age. $329,000. Owner financing — Low Low Down — at 10% interest. Call Peter.
95 acres, 75 tillable, no home, $1,550/acre. Lease option, No down. Call Peter.
44 acre farm, 25 tillable, 2 homes - barn. $89,000. Rent w/option to buy. Call Peter.
150 acres, 115 tillable, Harvestores, feed lot for 200 steers. $169,000. Call Peter.
Upper Dauphin Co.-Lykens Valley
100 acres, dairy barn, new tobacco barn, 85 tillable, nice level land, 3 to 4 bedroom home, excellent owner financing, 9% interest Low Down. $179,000. Call Peter.
90 acres, 85 nice level tillable, 3 bedroom home, barn $175,000. Owner financing. Call Ralph.
PETER B. CORTELYOU
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

PIEDMONT, VIRGINIA
898 acres of level to gently rolling land Includes excellent farm facilities providing for a very successful farming operation Land profitable in crops, pasture and timber, accordingly Farm features a beautifully restored 19th Century brick home with many amenities EXCITING OPPORTUNITY!
$635,000

FREE CATALOG OF COUNTRY PLACES

MEAD ASSOCIATES
OTIS MEAD Evenings 703/463-2740
JIM MOORE Evenings 703/463-7050
Real Estate Services
21 North Main Street Lexington, Virginia 24450 ◻ Telephone 703/463-7168

36 REAL ESTATE

FARM FOR SALE
107 acres, 8 room log house w/bath, 40x80 round roof barn, recently built hog finishing barn, mix mill, grain storage bin & dryer, located on paved road. Lebanon County.
717-867-1763

117 ACRE FARM, BERKS CO.
Jefferson Twp. Small barn & log house, strong stream, pond, very secluded, 50 acres tillable, balance pasture & woodland. Call listing agent, Randall V. Kline at res. 717-733-1006 or at Kingsway Realty, 717-733-3344.

SOUTHERN MINNESOTA FARMS
Livestock and Cash Grain Many selling below market. We also represent buyers. Write or call for details
Fairbo Realty
Bill Sharkey
PO Box 836
Fairbault, Minn 55021
507-334-2081

AG TAX SHELTER
Can possibly shelter $100 000 per year Operating dairy farm with tremendous development potential Sewer and water available
new pennsylvania realty, inc
Contact
Perry Long
215 264 3025

FARM & HOUSE FOR SALE BY OWNER
Newly renovated 3 BR house & open barns and utility buildings. 54 acres, some timber, some cleared. Mecklenburg Co., VA $90,000.
804-447-3550
Bill Evans
1217 W.
Danville St.
South Hill,
VA 23970

BEDFORD COUNTY
Showplace Dairy Farm 200 acres rich as a garden in pink of fertility, 170 planted to alfalfa, 1½ acre beautiful lake, 2 lovely homes, 9 rooms, 2 baths, oil heat, large barn w/80 stanchions, 4 silos w/unloaders, 90 head bunk feeder, 90x40 heifer barn, 40x48 shop, never failing well water system, prominent location close to Rt. 30, 70 & Turnpike. A real opportunity. Asking only $1,200 per acre.
Everett G. Henderson
Broker
Twin Valley Farms
Breezewood R.D., Pa.
814-784-3102

PENNA FARMS
FRANKLIN CO.
119 Acre Limestone Soil, 40 tie stalls 2" pipeline milker, 600 gal tank, 2 silos, large remodeled 5 BR frame dwelling (2 family potential) seasonal stream, road frontage Beautiful setting
107 Acre General, 86 acres tillable 10 pasture 8 wooded large bank barn wagon shed with attached garage 3 BR brick dwelling 2 streams
CUMBERLAND CO.
165 acre modern dairy farm, double 4 Herring Bone parlor 99 free stalls 2 20x60 Stave silos w/unloaders implement storage road frontage MODERN 3BR dwelling w/fireplace and family room attached 2 car garage
80 Acres, 50 000 broiler building bank barn implement storage limestone soil 50 acres + tillable, pasture & wooded stream, modern 4 bedroom dwelling
Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

81 ACRES
Located N E of Shiloh approx 67 acres tillable, two story 3 bedroom home 50'x66' pole barn insulated
42 ACRES
Located N E of Shelby on Miller Rd 36 acres tillable, balance wooded area, 2 bedroom two story brick home wagon shed & crib barn burned
145 ACRES
Located on Amoy East Rd Northwest of Mansfield Very good bank barn 40'x96' with 70' concrete apron arranged for hogs or cattle Small farrowing house machinery shed, 3 bedroom 2 story home, approx 10 acres native timber, balance tillable
160 ACRES
Located on Dinninger Road N W Shelby, 123 acres tillable, two story 4 bedroom home 30'x90' hog feeding bldg with 20' concrete apron This is also a very good farm
My 27th year appraising, listing & selling farms. May we help?
Gordon J. Stentz
Real Estate Broker
Ph. 419-342-6888
RD #3 Shelby, OH 44875

SOUTHERN CHESTER CO.
125 Acre, attractive 4 BR stone home with good views. 5 room tenant home, large bank barn with stanchion & horse stalls. 80 Acres tillable, 40 acres pasture with 2 streams. Amish neighbors, fox hunting area. Excellent land.
Contact Jim Sheetz
Century 21 - Pierce & Bair, Inc.
215-444-5536
home, 215-932-2649

DAIRY FARM
LEASE or PURCHASE - 205 acre dairy farm, Bedford County. 30 comfort stalls, mats, pipeline, 2 silos, 2 houses and ready to go! Dairy barn was completely renovated in 1983. Asking $175,000.
REALTY CENTER
(814) 695-8696
DANIEL K. KNODE, REALTOR

INDUSTRIAL FACILITY WITH AN INCOME - 37,900 sq. ft. steel building situated on over 4 acres in Tioga Co. An excellent commercial location, loading dock, overhead crane, several overhead doors, $212,000 W-1065
2 STORY 3 FAMILY HOME IN GOD'S COUNTRY - (Potter Co.) This home is in magnificent repair and is an excellent income property with 3 rental units plus a hookup for trailer $32,000 W-1064
PRIME HUNTING - 206 Wooded acres, fantastic view, good access. Excellent cabin or permanent home site, just listed at $425/acre W-1060.
Century 21
THE REAL ESTATERS OF WELLSBORO
East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list.

SENECA COUNTY, NEW YORK
CROP FARMS:
100 Acres ±, 96 tillable. Extensive tile drainage. Highly productive. Morton style building designed for crop storage. 3 bedroom ranch style home. $170,000. Additional 75 acres available.
140 Acres ±, 136 tillable. Frontage on two roads. Tile drainage. 60x40 wood barn. $75,000.
SLAUGHTER HOUSE:
5 years old designed for wholesale/retail trade. 15 cattle capacity daily. Equipment included. Attached pole barn with holding pens. Located on 49 acres ±, 42 tillable. 3 bedroom house. Trailer for rental. $135,000.
Call or Write:
Realty World Dendis
13 West Main Street
Waterloo, NY 13165
315-539-9282

FARMS!
Berks County...
140 ACRES... modern beef farm with 3 silos, modern barn with 200 head capacity. 120 acres tillable.
73 ACRES... gentleman's estate, excellent buildings, stone farm house, pool and approved airfield.
Schuylkill County...
150 ACRES...Christmas tree farm, excellent buildings, 35,000 trees, many over 6 feet.
80 ACRES...gentleman's estate, exceptional house and barn, 1 acre lake, 6,000 Christmas trees, lots of woodland.
19 ACRES...with bank barn and excellent soil.
Free Brochure w/Photos, Available Upon Request, On Many Of The Above Farms!
new pennsylvania realty, inc.
Gary Coles Farm Broker & Appraiser
717 386 5000 215 398 2559
Box Route One New Ringgold PA 1796

1,000 acre farm. Oil lease. McKean County, PA. $350 per acre. 1929 Bowler St., Philadelphia, PA 19115.

100 acre hog and beef farm for sale. Perry Co. Phone 717-589-3456 after 5 PM.

PENNSYLVANIA FARMS FOR SALE
BRADFORD CO. PA: 410 ACRE DAIRY FARM, FULLY STOCKED & EQUIPPED - (computer feeding system) 135 cow free stall barn 2 homes, 5 tractors, full line of equipment, 90 Holstein cows, 17,100M 4 percent 687 fat 103 heifers, 2 bulls A complete turnkey operation REAL ESTATE, STOCK & EQUIPMENT $550,000 call Farm Agent - NELSON EBERSOLE 717-867-5221
TIOGA COUNTY - 98 ACRE DAIRY FARM $110,000
Patz barn cleaner, 2 concrete silos 20x60 and 16x52, frame home, 60 acres tillable, more land available to lease Call Farm Agent - NELSON EBERSOLE 717-867-5221
BRADFORD COUNTY PENNSYLVANIA
33 acre Dairy Operation with Jug Milk and Ice Cream Store, 59 tie stall dairy barn, 14x50 concrete silo, complete processing facilities, pasteurizer, homogenizer, modern split level home and a second home which is a 24x52 modular home PRICE $240,000 TERMS $114,500 down, seller will finance the balance at 10% Call Broker LEE REDDINGER 717-949-2243 NOTE Owner will put a price on his 50 cows and farm machinery
FRANKLIN COUNTY 90 ACRE AMISH DAIRY FARM, DRY RUN, PA
ASSUME 12% mortgage, located in an Amish community Large 5 bedroom limestone house 40x80 dairy barn, workshop building, silo 70 acres tillable 20 acres pasture PRICE $115,000 TERMS $35,000 down, assume mortgage of approximately $80,000 Twelve years remaining Monthly payment $970 CALL Farm Agent NELSON EBERSOLE 717 867 5221
FRANKLIN COUNTY, SPRING RUN, PA
216 acre Hunters Paradise, own your own mountain plus this 2 story immaculate home and Gambriel roof barn, approximately 170 acres of mature timber and approximately 40 acres of grassland and tillable cropland Deer and turkey trout pond, a perfect gentleman farm, game preserve PRICE $325,000 CALL FRANCIS ULISHNEY 717-272-2989
UNION TOWNSHIP, LEBANON COUNTY, PA
38 acres general farm, 2½ story older log home, 3 bedrooms, 2 baths, kitchen, living room and family room 46x84 bank barn set up to fatten steers with 80' of trough space, 28x110 cement block building with truss and tin roof, 40x70 modern steel sided building with metal roof, 5 ton feed bin, 2 wells, 15 acres of soybeans, 17½ acres of clover, the farm is in a high state of cultivation, limed 3 years ago PRICE $148,900 Call Realtor Associate JUNE EBERSOLE 717-867-2771
CUMBERLAND COUNTY, 123 ACRES, NEWVILLE, PA, UPPER FRANKFORD TOWNSHIP
HOUSE 2½ story, aluminum sided farmhouse, porches on 3 sides, 4 bedrooms & bath, living room, dining room, kitchen & laundry Extra cottage for hired hand STEER BARN 40x100 metal sided structure, bunk feeder runs thru the center, (2) no freeze waterers SILO 24x70 concrete stave silo with Van-Dale top unloader, the silo is attached to the steer barn BANK BARN 4 rows of 8 stalls (32 stalls), the stalls run the short way, attached milkhouse, upper level of barn has 2 drive-in bays & 2 hay mows SOIL High productive slate soil, 100 acres tillable, 45 acres of soybeans were harvested November, 1985 and 55 acres will be planted in wheat & rye which will become the property of the new buyer for harvest in 1986, approximately 23 acres are pasture, homesite and border area $190,000 MAKE OFFER, OWNER RETIRING Directions ¼ mile east of Bloserville in Cumberland County CALL Realtor Associate JUNE EBERSOLE - 717-867-2771
LYCOMING COUNTY, PINE TOWNSHIP, BROOKSIDE, PA - 2,230 ACRES
LAND 2,230 acres, hardwood Austrian Pines, Oaks, White Birch About 150 acres tillable corn & grassland, 22 miles of private gravel roads give good access over the lands for hunting & sightseeing The owners grade the roads every year & have kept them in good condition HUNTING LODGE #1 7 bedrooms, cooks quarters, 2 fireplaces, dining hall, gathering room, chef kitchen, porches Built in 1923 HUNTING LODGE #2 Modern Chalet dwelling built in 1976 texture 111 siding with redwood stain, 3 bedrooms, 2 baths, kitchen, great room, fireplace, glass area from the great room faces South & overlooks a 1,000 acre valley This lodge has a full basement, one of the baths is on this level More rooms could be made on this level, wood deck on 3 sides carport for 2 cars, drilled well All gas, mineral timber rights are granted to the new buyer There are no leases on the land GAME This is a very well developed game preserve Deer, turkey, bear, grouse abound A quiet spot PRICE $1,100,000 CALL Broker NELSON EBERSOLE 717 867 5221
** CALL OR WRITE FOR A DESCRIPTIVE BROCHURE **
SUBURBAN REALTY
FARM DIVISION
30 W. Main St.
Annville, PA 17003
Phone 717-273-9358
717-867-5221 717-867-4487

SECLUSION & PRIVACY

Berks Co. Gentlemen farm, 115 acres, 55 tillable, balance woodland & pasture. Log house with 3 bedrooms, horse barn. ¼ mile lane with bridge over stream. Ideal for retreat or executive style estate with some work. Priced $149,500.

GOING DAIRY FARM OPERATION

UNDER $1800 PER ACRE, 95 acres total, 13 acres pasture, 5 acres woods. Easy rolling topo, spring fed pond, stream. Bulk tank, 3 bay implement shed comfortable 2 story 3 bedroom home, 1½ baths Oil and/or woodstove heat Only 10 minutes to Chambersburg.

Manheim Twp., Lanc. Co. 3 Unit farmhouse on 1 acre zone R-2. Three extra available acres with barn.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

100 ACRE MODERN DAIRY & GENERAL FARM in southern Dauphin County Good loam soil 50 stall milking barn, 100 head freestall barn large block workshop, tobacco shed corn & equipment barn, 4 silos Located close to a main road with good traffic flow - great location for retail dairy operation Beautiful brick farmhouse (c 1859) recently remodeled with 4 bedrooms 2½ baths summer kitchen

48 ACRE FARM WITH GOOD LOAM SOIL IN SOUTHERN Dauphin County Large bank barn tobacco shed 4 car garage and other outbuildings 2 story farmhouse with 3 bedrooms modern kitchen and bath Plenty of road frontage

MODERN HOG OPERATION ON 10 ACRES - 2 farrowing buildings can handle 115 sows Bank barn, corn barn, tobacco shed The recently remodeled 2 family home has modern kitchen and bath Near Bainbridge

PRICE REDUCED 6 acre farmette near Hershey Horse barn with 2 stalls, plus other outbuildings The 2½ story farmhouse has 4 bedrooms, 1½ baths, attached 2 car garage and detached 1 car garage Mobile home on property could be used for in-law or rental unit

HORSE FARM NEAR ELIZABETHTOWN - 9 acre property with 2 stall barn, very large 6 year old bilevel featuring 5 bedrooms, 2 full baths, woodstove in family room and deck overlooking the surrounding countryside

Bob Gruber - Realtor Associate
specializing in farms and residential properties
(717) 944-4580

REALTY WORLD. **OLWEILER REAL ESTATE, INC.**
218 South Market Street
Elizabethtown, Pa. 17022
(717) 367-5134 or (717) 653-8523

Southern Huntingdon Co.

Dairy farm 175 acres w/150 acres tillable large barn w/44 stanchions 2 nice homes stream & good spring on property Many other extras $285 000

Colonial Real Estate Agency
814-447-5511

BEAUTIFUL FINGER LAKES AREA

DAIRY FARMS

FINGER LAKES DAIRY FARM - 580 ACRES 412 Ac Til, 15 ac vinyard, 160 ac pasture & forest, 99 freestall barn milking parlor, Harvester feeding system, feed meter box, 3 Harvestore silos, (20x60) 1 24x75 concrete stave Madison heifer barn 20x60 tool shed, 24x60 shop, other buildings 10 rm 3 bath home, 5 ponds creek Reduced to $300 000 (A foreclosure) $30,000 down #2164

SENECA LAKE AREA - 230 acres 200 ac til 17 ac rotating pasture 20 ac wooded, stream, 48 cow tie barn, pipeline milkers 800 gal bulk tank silos, heifer barn,3 bd rm home, garage **CATTLE & MACHINERY EXTRA** $168,500 #2379

SOUTHERN TIER, 325 ACRE DAIRY OR BEEF FARM, 176 ac til, 40 ac wooded, 79 cow tie barn, 1500 gal bulk tank 2 silos w/unloaders 2 quanset barns, machine shed 2 corn cribs 6 bd rm 2 story home w/2 baths $259,000 #2075

CASH CROP FARMS

BATH AREA - 260 ACRES, 100 ac til 35 ac fenced pasture 125 ac wooded 5 acre lake, 40x45 barn Newer 2 story, 3 bd rm home, 2 baths Min rights included Owner terms available #2340

FINGER LAKES AREA - 200 AC FARM, 150 ac til 20 ac wooded year round stream thru property large 3 story barn w/stanchions, loafing area milk house silo heifer barn grain bin corn crib 5 bd rm home Poss owner terms to qualified buyer Machinery extra #2404

FARMETTES

10 ACRE HOBBY FARM - Large 2 story barn w/elect & water in excellent condition carriage barn Fenced pasture orchard, all level land 2 story country home eat in kit wood stove hookup **A STEAL IN LOW $40's** #2063

AVOCA AREA - 10 ac large T barn suitable for beef or horses 4 bd rm 2 story home w/country kit, din area, sliding doors to lovely shaded back yard $30,000 #2413

BRICK & STONE RANCH ESTATE - situated on 12 acres near So Tier Expressway & min from Bath, N Y 4 large bd rms, 3 5 ceramic baths, dream kit, lower level features a banquet sized knotty pine board room for entertaining, fireplace plus office, attached 3 car, plus garage pool, air conditioner, cable TV $120,000 #1635

SIMILAR LISTINGS AVAIL. CALL FOR BROCHURES.

MAKITRA REAL ESTATE, INC.
4 West Steuben St.
Bath, N.Y. 14810
(607) 776-2468
After Hours: (607) 776-2386

WIMPLE ASSOCIATES

MOHAWK VALLEY

NEARLY NEW BARN milks 52 on 2" pipeline with cleaner, mow elevator and new 20x50 unloading silo 339 acres with most being tillable Colonial home has 4 bedrooms, new dual furnace $200,000 with cattle and equipment CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

SOUTHERN NEW YORK

COMPLETE FARM FOR BARE PRICE: 300 acres of nearly stone free soils in large, easily worked fields Very good barn milks about 40 with room for 10 more stalls 14x50 and 18x50 unloading silos 30x60 tool shed Nice 3 bedroom home $140 000 complete or will sell bare Good terms available For appt call 607-792 3355 or WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

new pennsylvania realty, inc.
717-386-5000

BERKS COUNTY FARMS

Excellent dairy w/60 stalls, pipeline, bulk tank, 3 silos Don't Miss This Opportunity This is a good working farm Priced to Sell.

HOGS

Farrow to finishing w/112 acres, all in one continuous tract w/approx 5 000' of road frontage, excellent location, Myerstown area Must Be Sold

CALL CARL JOHNSON - 215-367-6160

A real showplace 389 acres with 100 acres of river bottom land New 80 cow barn plus new 75 head heifer barn Attractive Colonial home Large equipment shed 1984 Dairy of Distinction winner Asking $325,000 All equipment & 20,000# DHI Reg herd available

Widow said she has to sell this 250 acre farm Newly remodeled 50 cow barn plus 25 ys stalls, 2 silos, attractive home with all equipment & crops for $199,500 75 Reg cattle available

Cobleskill 2 homes VG 90 cow barn, large new Heifer barn, show cow barn, 250 acres, Harvestore plus concrete silo Excellent setting, reduced to $199,000 Equipment & crops available

200+ cow free stall farm, 475 acres, excellent home, newer parlor, new calf barn, 5 silos Must see to fully appreciate, everything perfect, asking $475,000 C/E available

205 acres, 80 cow barn with new 1250 gal tank, 150+ tillable acres Excellent setting & location Large farmhouse, all for only $119,000

This is just a small sample, we have 100's of others

COUNTRY BOY REALTY, INC.
140 East Main St.
Cobleskill, NY 12043
518-234-4371

KEY
REAL ESTATE, REALTORS
Hanover
Gettysburg
York and
Westminster

This 19 Acre farm has it all Room for 46 000 turkeys per year Also room for 30 brood sows and steers plus several other large sheds with concrete floors Large house with 3 bedrooms and 1 bath plus den and family room Fenced pasture with a pond (L 5066)

717-846-4810

WANTED TO PURCHASE
By qualified Buyer
Gentleman's Farm or Farmette.
30 to 100 acres, old house ok, but must be completely renovated and MODERN Brokers protected Berks, Lancaster, Lebanon & York Counties. Please submit to.

RD 2, Box 880
Newmanstown, PA 17073

For Sale
Beautiful Cape Cod with 3 bedrooms, 1½ baths on 6 acres with terrific view of the countryside. Very nice horse farm with 24x48 barn. Room for 8 stalls. Located south of Galen Hall Country Club.

ERA Hop Usner & Assoc.
814 Dawn Ave
Ephrata, PA 17522
717-738-2005 or
717-627-1230

Longacre
FARMS AND COUNTRY PLACES

BERKS CO

• 140 Acre Farm features lovely 2½ story stone home modern kitchen dining room living room center hall 4 large bedrooms & bath large bank barn 2 large machinery sheds small horse barn large storage bins gently rolling land with pond & stream $460 000

76 Acres General Farm 2½ story brick farmhouse needs work 2 story bank barn double corn crib large stream private setting $150 000

SCHUYLKILL COUNTY

• 234 acre woodland tract joins state gamelands borders Rt 81 & secondary road Pine Grove area good hunting area call for details $175 000

MONTGOMERY COUNTY

• 82 acres 65 till balance woodland & pasture w/stream general farm 2½ story 5 bedrm house/LR DR Kitchen & bath bank barn & other buildings ~~$250 000~~ $235 000

TIOGA COUNTY

• 410 Acre 220 tillable Dairy Farm with lovely 2 story home features good 46 stall dairy barn pipeline bulk tank barn cleaner 2nd house new 45x72 machine shed shop & heifer barn 18x60 and 12x35 silos pond stream good ground $325 000 Cattle & machinery available

• 800 Acre Dairy Farm 400 T 2 very good lovely homes 83 stall dairy barn Steel pipe line 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn $365 000 Full line of machinery and cattle available

• 122 Acre 100 T dairy farm 47 tie stalls with 24 free stalls 800 gallon tank barn cleaner pipeline milker, 20x60 concrete silo with unloader good house with kitchen dining room 2 living rooms 3 bedrooms and bath $110 000

• 126 Acre farm 70 T 45 pasture balance wood land Land only Near above farm $65 000

SNYDER COUNTY

• 186 acre dairy farm 100 T features modern 60 free stall barn w/milking parlor 2 story heifer barn, and large machinery shed 20x60 and 20x70 Harvestore silos lovely 2 story home with 3 bedrooms kitchen, large living room/dining room, laundry and bath $210 000 Also full line of machinery available

POTTER COUNTY

• 116 Acre hunting ground 30 acres open balance wooded borders 2 roads & river Possible Owner financing $50 000

BRADFORD COUNTY

• 110 Acre dairy farm 80 tillable 35 stall dairy barn with dump station barn cleaner 400 gal tank 18x55 silo and 14x60 silo with unloaders and 14x32 silo heifer barn and out buildings Large home with 5 bedrooms kitchen dining room living room laundry and 2 baths $150 000 Also cattle and machinery available under separate contract

• 5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank steel pipe line barn cleaner 20x32 Harvestore silo and 20x60 concrete silo Manure storage Modern Ranch home with 4BR's Kit DR LR Bath and Den $145 000 Also second house available

SUSQUEHANNA COUNTY

• 265 Acre modern dairy farm w/2 houses 115 comfort stall dairy barn with pipeline milker 2 large bulk tanks barn cleaner, 3 large concrete silos, large free stall heifer & dry cow facility & large machinery shed calf barn, lovely split level home features modern kit formal DR LR family room laundry 2 baths 4 BRs Large in ground heated pool 2nd 2 story home modern kit DR LR family room 3 BRs 1½ baths Also large new trailer 200 Head of dairy cattle modern line of machinery including several large tractors All for $600 000

• 565 Acre dairy farm Features 145 stall barn heifer barn large machinery shed, 2½ story house with kitchen dining room living room office, family room, laundry 3 bedrooms 1½ baths 2nd House Modern 3 bedroom with kitchen, dining room living room and bath Apartment with modern kitchen living room dining room 3 bedrooms, 1½ baths 3rd House New 2 bedroom kitchen living room and bath $750 000

OTHER FARMS AVAILABLE
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Young couple with stock and equipment would like to rent dairy farm OR will work as dairy herdsperson. Call Monday, Wednesday, or Thursday, 717-464-4097.

Union Township, Snyder County, Penna., approximately 45 miles North of Harrisburg, 115 + acres, 4 BR house dairy bank barn with large milkhouse, machine shed and outbuildings. Call 717-374-1657 or 717-374-6321

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BEDFORD CO
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132 acre dairy w/owner financing 50 stanchions new milkhouse & silo New implement shed Limestone soil and other bldgs

CLINTON CO
15 ac gentleman s farm w lg trout stream remodeled log 3 bedroom house barn & garage HUNTERS take a look as well Call Ken for above listings @ (717) 426 1098

JUNIATA CO
Near Mifflintown 94 ac free housing dairy farm 4 bedroom 2½ bath modern dwelling Excellent fertile soil silo Boumatic pipeline and many other fine features Call Dick Crawford (717) 734 3673

SNYDER CO
Call LeRoy Hibbs for all the details of all his listings of Dairy Grain and gentlemen farms LeRoy has farms to 400 ac of modern dairy or lg grain farm operations LeRoy is experienced in helping you to finance any farm you may be interested in (717)837 0265

NEW AGENTS:

David R Geib (Lancaster Co) Dave has lots of construction experience and has a very pleasant professional way in working his clients Call Dave @ (717) 284 4680 to list or sell your farm or farmette

RICHARD B CRAWFORD (JUNIATA CO) Dick came to us w great recommendations by his acquaintances Dick is farming with his son and will be glad to serve you in Juniata Perry and Franklin counties

THANKS DICK & DAVE FOR JOINING OUR TEAM!!

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PERRY CO
316 ac Modern dairy operation Can be sold with the dairy facilities & 163 ac featuring Lg stone & brick dwelling 66 tie stalls free stalls exercise area and bunk feeder from 2 silos Lg 3 room apt over the stock housing 2 additional silos and best of all LIMESTONE soil
OR
153 ac w remodeled brick farm house lg bank barn additional barn and tie per level LIMESTONE
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BUY THE TOTAL 316 ACRES OF FINE FARMLAND & BLDGS Call Sandy (717) 569 4264 for all the facts and pricing

99 ac prime hunting woodland w stream through property Ken 426 1098

LANCASTER CO 10 ac Horse or ET operation or whatever you desire Excellent stone farm house bank barn Harvestore w bunk feeder 2 car garage POND and private financing Call Sandy 569 4264

8 ac supper location just minutes from downtown Lancaster You can have Horses Sheep ET Operation Bed & Breakfast in the 16 room lg farmhouse or you name it Owner financing Sandy 569 4264

BRADFORD CO
500 to 650 ac w cows or buy it bare Owner selling due to health reasons and will sell part if you desire There is some FmHA financing available if you qualify Call Sandy 569 4264 or Barb E 297 2619

277 ac Modern dairy to Canton area w modern 4 bedroom ranch house This farm could be expanded w additional land and house Call Barb 297 2619 for all the details Ideal for an experienced young

BLAIR CO & HUNTINGDON CO
Grain farm w 59 000 bu storage and lots of land to rent at the right price Could easily be returned to modern dairy Lg Modern Farm house Inground pool & much much more Call John or (717) 695 3861

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JUNIATA PERRY FRANKLIN COUNTIES CALL RICHARD B CRAWFORD 717 734 3673

CENTRAL PA FARM LISTINGS

CENTRE COUNTY

DAIRY FARM - 122 acres (97 tillable, 22 pasture, 3 site and roads), mostly Hagerstown ground, sound 2½ story house, bank barn with 34 tie stalls, 96-stall free-stall barn, pipeline milker, 1,250 gallon bulk tank, 20'x60' and 14'x40' silos with unloaders, 20'x40' Harvestore (under lease) Priced at $182,500 Also available with an additional 95-acres for a total of 217 acres (130 tillable, 47 pasture, 36 woodland, 4 site and roads) and a second barn, 3 additional implement sheds and 1 silo for a total price of $247,500 Near Stormstown

DAIRY FARM - 179 acres (141 tillable, 17 pasture, 19 woods, 2 site), mostly Hagerstown, Murrill and Nolin soils, 2½ story stone and frame house, large bank barn with 60 tie stalls, pipeline milker 800 gallon bulk tank, gutter cleaner, 20'x50' and 16' and 50' concrete stave silos, 20'x35' concrete stave sealed silo with bottom unloader Near Nittany $265,000 Additional 65 acres (61 tillable) also available

GENERAL FARM - 143 acres (28 tillable, 40 pasture, 73 woodland), excellent remodeled 2½ story home, bank barn, enclosed steel implement shed, and other sound outbuildings 18 miles from State College Additional land available $189,500

GENERAL FARM - 184 acres (20 open, balance woodland), sound 2 story house several pole type implement sheds, hay storage shed, other outbuildings Secluded setting, easy access, good hunting 8 miles from State College $123,500

LAND - 104 acres (80 clear of which 50 are tillable, balance wooded), 2 3 miles of stream frontage, magnificent view excellent hunting Suitable for organic farming (no chemical applications for 15 years) $72,000

FARMETTE - 10 acres with large stone house built in 1800's large barn small stream Near Centre Hall $99 500

RECREATIONAL OR FISH FARM - 137 acres (62 tillable balanced pasture and woodland) 3 large ponds large recreational building 2 story house (fair condition) 3 large ponds large recreational building, 2 story house (fair condition) 2 trailers secluded setting Near Spring Mills $149 500 Ideal for fish farming

FARMETTE - 22 acres (15 tillable balance pasture) very nice 2½ story brick house sound bank barn garage small stream nice area Near Potters Mills $99 500

DAIRY FARM - 131 acres (109 tillable balance pasture and site) 2 story log house with aluminum siding bank barn with 33 comfort stalls pipeline milker milk house with bulk tank 18'x60 and 12 x45 silos good outbuildings nice setting Near Millheim $249 000 Owner Financing

GENERAL FARM - 155 acres (117 tillable 32 woodland balance site roads and stream) sound 2 story house bank barn 32 x344 1 story poultry building outbuildings excellent producing ground small stream $212 500

HUNTINGDON COUNTY

DAIRY FARM - 338 acres (202 tillable, 56 pasture and lowland, 78 woodland) sound 2 story brick house bank barn with 37 tie stalls, free stall barn with 51 stalls and bunk feeder 20'x60' and 20'x50' silos 15 x40' Grain o matic silo for high moisture corn farm shop heifer barn, 2 implement sheds, stream frontage pipeline and bulk tank, silo unloaders, gutter cleaner Very well maintained $375,000 OWNER FINANCING

LIMITED ACREAGE DAIRY FARM - 35 acres (17 tillable 5 pasture balance woodland), 1½ story house, bank barn with 25 tie stalls milk house with bulk tank, new free stall barn with 30 stalls and bunk feeder, 14'x60' and 10 x50 silos, garage, implement shed, wire corn crib, stream frontage $75,000

BEEF OR SHEEP FARM - 306 acres (approximately 140 tillable, 117 pasture, 47 woodland, 2 site), 1-story brick home, 2 barns, garage, 2 silos, 2 large implement sheds, excellent water supply, 3 ponds $259,500 Additional land available

DAIRY OR GENERAL FARM - 66 acres (55 tillable, balance pasture and site) sound 2 story aluminum sided house, bank barn with 43 tie stalls, new gutter cleaner, milkhouse, new 40'x40' implement shed, 14'x60' Lancaster silo, pond swimming pool $115,000 Also available with 129 acres (70 tillable, 53 pasture) $140 000

RIVER BOTTOM LAND - 55 acres (45 6 tillable) frontage on old Route 22 substantial Juniata River frontage Ideal for truck crops and roadside marketing OWNER FINANCING $99,500

LYCOMING COUNTY

DAIRY FARM - 106 acres (87 tillable, 10 pasture, 9 woodland & site), Very nice 2½ story house, 2 story bank barn, mod 1 story dairy barn w/52 tie stalls, gutter cleaner pipeline milker milk house w/600 gal bulk tank 20'x60' ribstone silo w/unloader bunk feeder and 2 very good pole buildings Near Cogan Station Reduced to $189,500

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very highly productive tillable) Good 2 story house bank barn, 60'x120' cattle barn suitable for freestalls, 20'x60 Harvestore, 2 streams **Owner financing** $325 000

RIVER BOTTOM FARM - 93 acres (71 tillable), excellent stone and frame house sound implement shed, workshop building, large bank barn with 25 stanchions 3,500 bushel grain bin, substantial Susquehanna River frontage Class I land 10% **OWNER FINANCING.** Muncy area $250,000

RIVER BOTTOM LAND - 41 acres (38 tillable) with road frontage on Pa Route 405 This is a portion of the farm listed above 10% OWNER FINANCING $82 500

NORTHUMBERLAND COUNTY

FARMETTE OR LIMITED ACREAGE DAIRY FARM - 27 9 acres (19 tillable balance pasture), sound 2 story home, good 1½ story Cape Cod home bank barn with 35 stalls implement shed Near Milton $99 500 Also available as a 22 acre unit with 1¼ story house for $65 000

MANY LAND PARCELS AND FARMETTES AVAILABLE
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(Huntingdon) Rachel Port (814) 669-4194
Don Myers (814) 422-8111
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COUNTRY COLONIAL - 3BR, fireplace, carport, horsestalls, 8 ac $58,500 28 more acres $15,000 (M1738)

61 ACRES vast views of valley, private, near State $26 000 (M1733)

RETIREMENT comfortable 2 BR house near college & shopping $35,000 low taxes (M1729)

FARM/FARMETTE 55 ac , borders hundreds of acres of woodland, private $29,500 (M1724)

FREE LISTS
ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

RETIREMENT - country rancher, 2 car, low taxes, hd road $51,500 (W994)

FARMETTE - 8 ac surround 4 BR Dutch Colonial $33,900 (W992)

PINE CREEK - off back porch, one of a kind retreat $73,500 (W987)

9.64 ACRES on top of the world $7,500 OR, 20 AC with 360° views very special $14,900 OR; 49 Ac all wooded for hunting etc $19,900 (W981) (W986) (W678)

HORSE FARM stables, indoor ring, barn, farmhouse + mobile for help on 19 ac , $138,500 (W968)

CHALET backing onto mountain, valley views $27,900 (W956)

MOTEL on Pine Creek & State Land, 11 units + coffee shop $110,000 (W856)

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ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

LAP OF LUXURY, 3 BR aluminum & brick rancher Attached 2 car garage 2 75 ac No Potter Co Scenic views $67,500 (D468)

93 AC near State Mostly wooded, building sites, small stream Great hunting **$49,500** (D453)

INVESTMENT PROPERTY. Small garage or body shop w/apartment overhead Owner willing to hold mortgage $13,000 (D439)

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124 ACRE DAIRY FARM - 7 mi east of Bellefonte, 106 acres tillable, level to moderate slope, 1600 sq ft 4 bedroom ranch dwelling, 2 story bank barn with 40x40 attached loafing shed, 16x55 Coristone silo with unloader, 30 dairy stalls, pipeline Nine acres marketable oak timberland Present use dairy, adaptable for other uses, high fertility soil Asking $165,000 Miles Clevenstine 717 383 2755

RECREATIONAL LAND

86 ACRES Fronting Blue Ball Rd , Centre Co Includes 3 BRs, 12x60 furnished mobile home in excellent condition, with elec , TV cable & well Excellent hunting area Asking $69,000 Call Miles Clevenstine 717-383 2755

360 ACRES ½ mile plus of road frontage, excellent hunting area with roaring run flowing through Some marketable hard & soft woods Located in Centre Co Asking $149,400 Call Miles Cleven stine, 717 383-2755

209 ACRES - Snow Shoe Area Private mountain land level to moderately steep with Beech Creek flowing through Good hunting area Financing available Asking $66,300 Call Miles Clevenstine 717 383-2755

100 ACRES - near Milesburg Centre County Wooded Asking $40,000

400 ACRES - Buy your own valley just minutes from State College Outstanding hunting, the perfect spot to build a cabin for those Penn State football weekends Asking $210 000 Call Dick Evelhoch 814-234 1150

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Dauphin County

15 Acre hog farm, 10 acres tillable, Hershey Area. Nebraska hog finishing barn 150'x20' plus two others. Approx. 600 and 400 at a time, approx. 3,000 per year. 40'x40' garage, 2½ story 4 bdrm. frame home.

Centre County Brush Valley

Dairy farm 145 acres, 140 tillable, limestone soil, 56 stanchions, 2 silos, stream, stock and equipment available.

Woodland

21 Acre plus at Spring Mills, Route 45 Centre County. City Water within 300'.

Woodland

30 Acres in Montgomery, Route 54 7 Rt. 15 South of Williamsport in Lycoming County.

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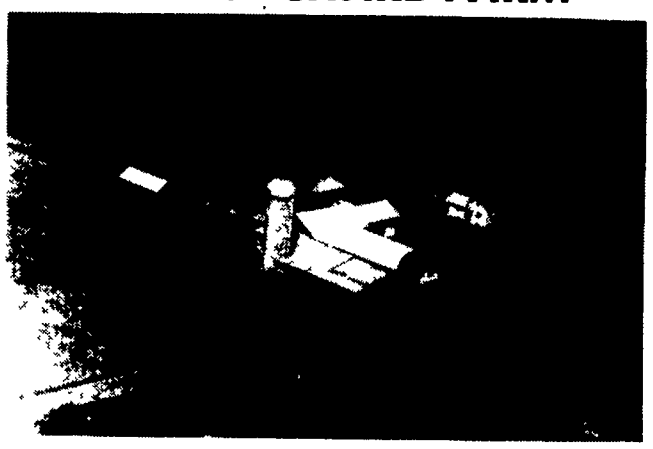

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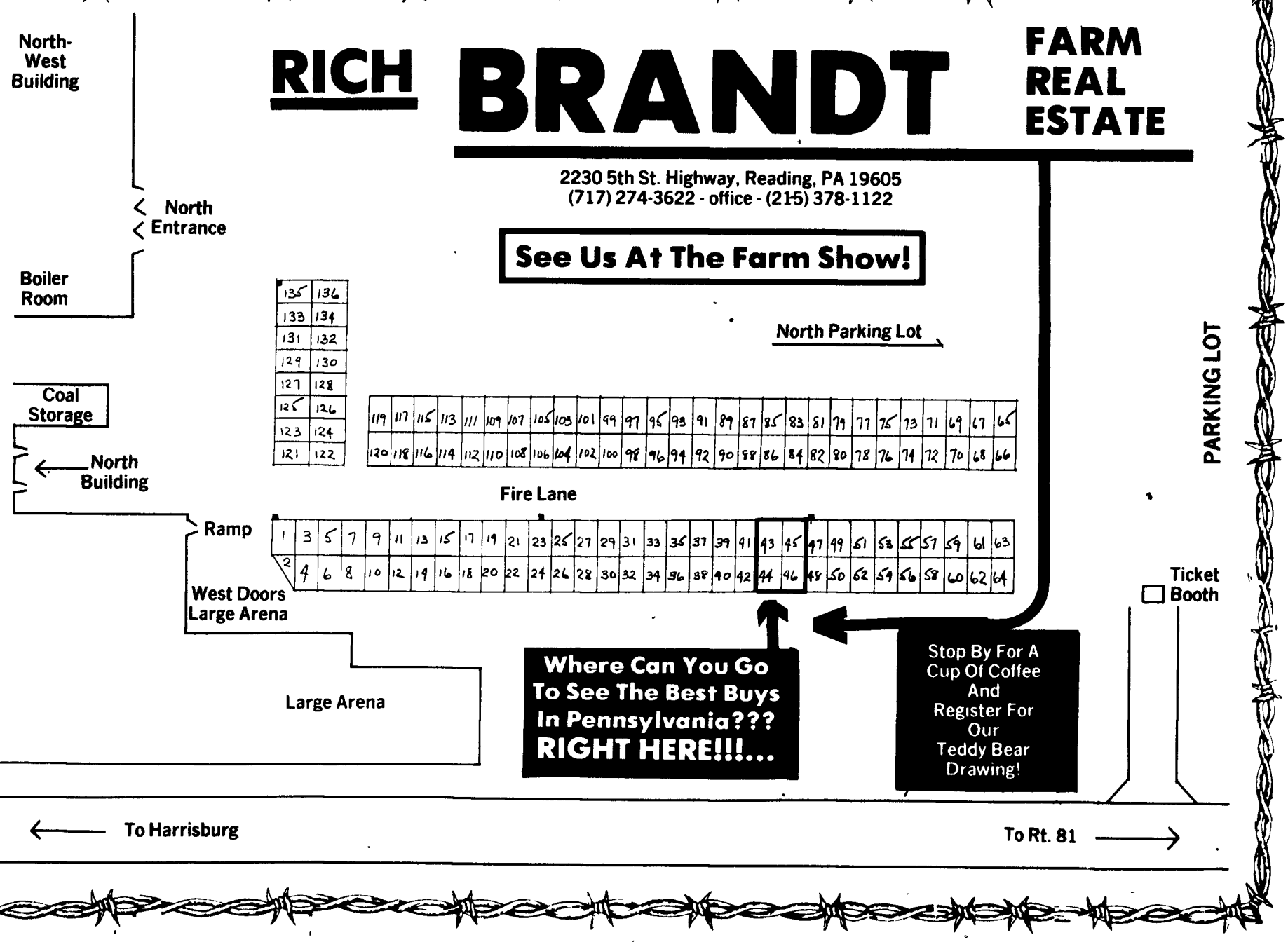

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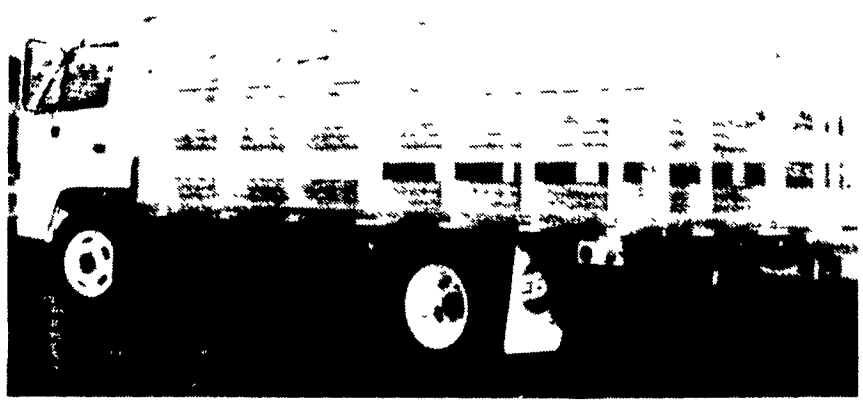

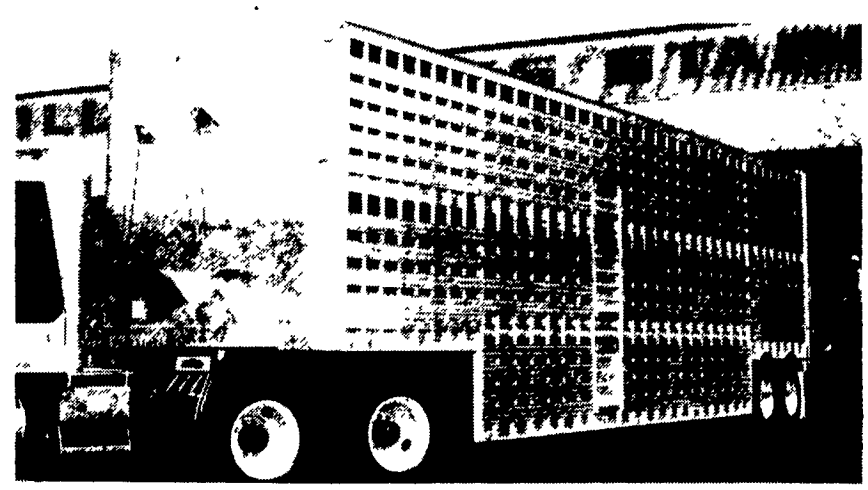

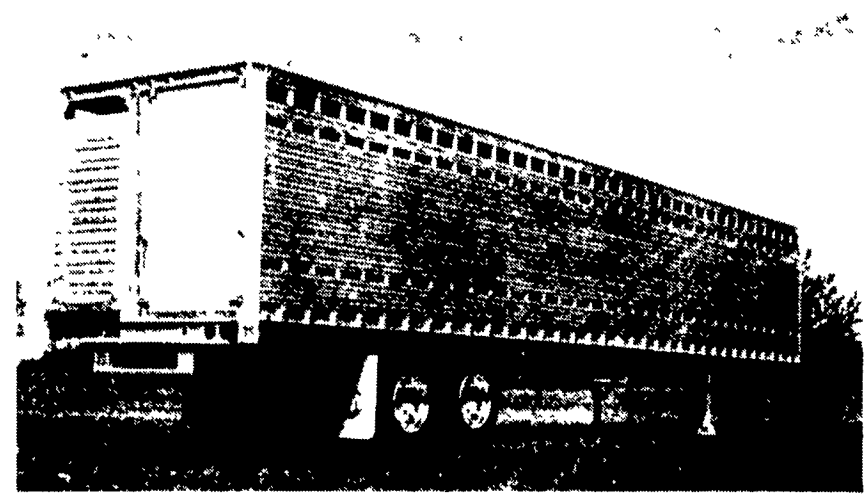

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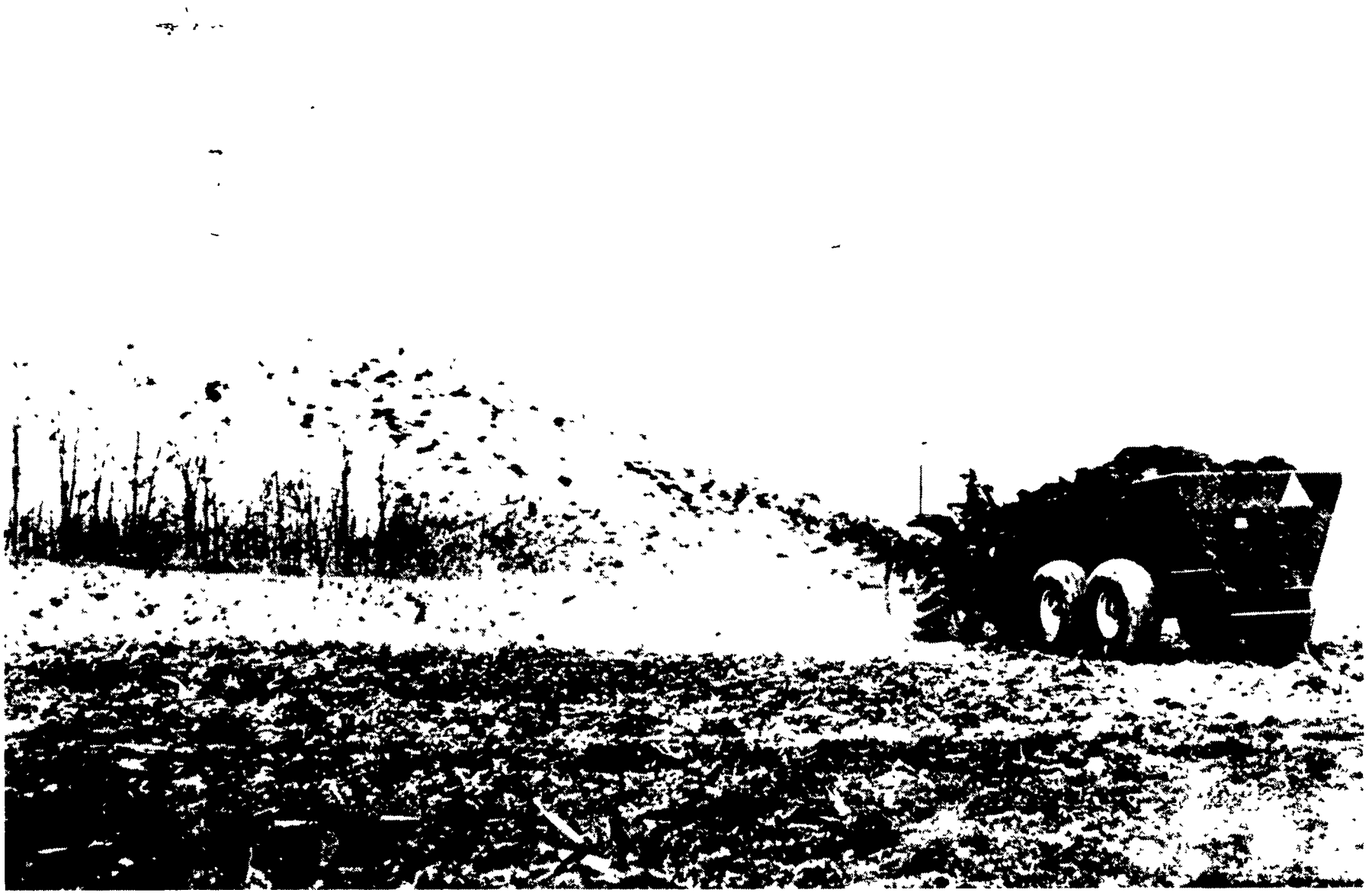

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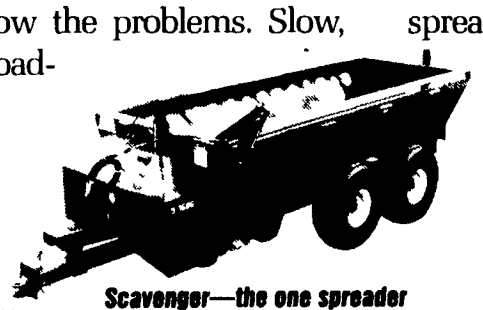

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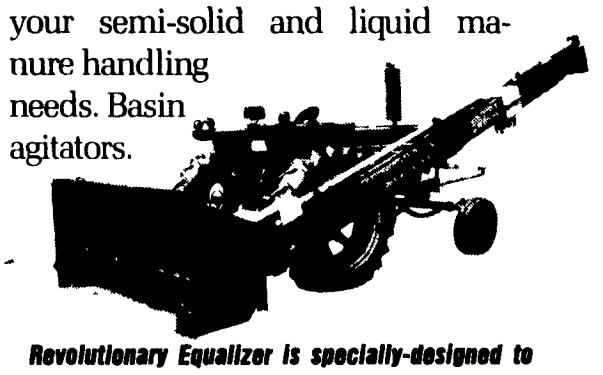

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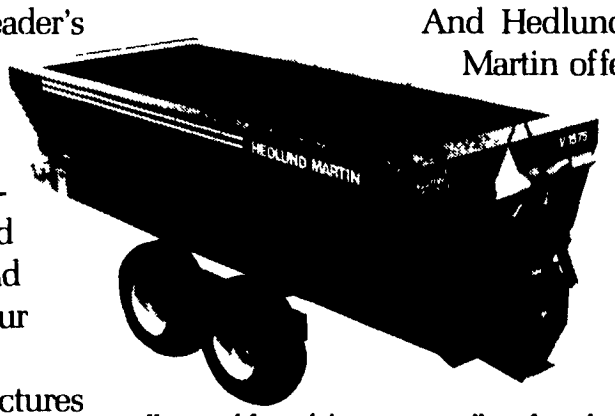

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Evolution of a cattleman

Young showring hopefuls are turning to this teenage exhibitor-turned-breeder for potential prize-winning beef

BY JACK HUBLEY

DOWNINGTOWN — Chester County is Angus country. Names like Devereux-Soleil, Genetics Unlimited, Fox Hill and Frey Brothers conjure up images of black beef against an undulating green sea of pasture.

There are up-and-comers here, too. Young breeders with fresh ideas, hoping to find a home in the beef cattle business. Ken Walker, for instance.

Ken grew up on the W.E. Mullenstein farm near Downingtown, where his father Paul Walker has managed the 175-acre cash crop operation for the past 23 years.

Eighteen-year-old Ken took a liking to the beef business at an early age, largely as a result of his brother Gary's involvement. At the age of nine he made his intentions official by joining the Pennsylvania Angus Association and taking on his first 4-H project, a heifer purchased from Devereux-Soleil Farms of Glenmoore.

That first heifer did well enough at the county level to give the young cattleman all the encouragement he needed. Since that time he's been buying heifers, showing them, then adding them to his breeding program. Slowly but surely he's built a herd of seven brood cows, with sires like Pine Drive, Independence, Wrangler and New Yorker contributing their beefy genetics to his calves.

Through his nine years of experience, Ken has developed some definite opinions on how to build a beef animal. "We made a big jump in frame size in the past five to 10 years," Ken observes, "but the (show) judges are starting to see the time when it's going to have to stop. The cattle are getting too big, and not quite as correct."

Ken has seen a gap developing between production and show cattle that, in his opinion, has manifested itself in less efficient show animals. "I think we should be pulling the efficiency of our show cattle up," he points out.

The pride of Ken's herd has proven to be an efficient calf producer, after having been quite a show-stopper in her own right. LA Beauty Queen's show career reached its zenith two years ago in Ohio, when the heifer placed fourth in her class at the National Junior Angus Show.

Ken pays a visit to LA Beauty Queen, the "queen" of his seven-head herd of cows. She placed fourth in her class at the Junior National in Ohio two years ago.

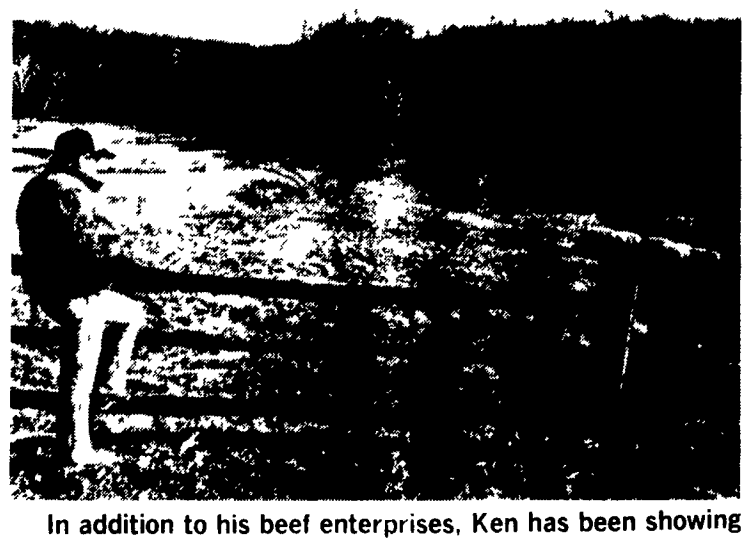
Nine years of exhibiting beef have netted Walker plenty of showring savvy.

Ken's talent for producing show-winning steers is also well documented. His 1984 entry took top honors in the Chester County Roundup, and this year's steer, named KW Nighthawk, helped his owner to duplicate the feat in 1985. A Pine Drive son out of a Power Play daughter, Nighthawk placed first in his class at the Eastern Regional Angus Show in York, and bagged reserve champion honors at the Pennsylvania Junior Angus Show in Centre Hall last summer. Ken only hopes that Nighthawk's winning ways continue at the Farm Show's popular and highly competitive steer event on Thursday.

With nearly a decade of 4-H achievement behind him, Ken's accomplishments have not gone unheralded. In addition to many show wins at all levels of competition, Ken was named Chester County's Outstanding Senior Showman for 1985, and the county's Outstanding 4-H Teen Leader for four years in a row, beginning in 1982. He has also been a member of the county's 4-H Livestock Judging Team for the past four years.

With his reputation for breeding competitive show cattle on the rise, other young showmen are beginning to show up at his doorstep for project animals. This year's sales have included two club calves and two cow-calf pairs. A Walker-bred steer, sold two years ago to exhibitor Brian Whitman, wound up in the reserve champion spot at Lancaster County's Solanco Fair.

Two Walker-bred steer show prospects, both Independence calves. Calf on right will be shown by new owner from Quarryville.



In addition to his beef enterprises, Ken has been showing sheep at the Goshen Fair.

Currently a senior at Henderson High School in West Chester, Ken rounds out his schedule by working at Gaylan Angus Farm in Kimberton. "I do most anything up there," says the young cattleman, who counts as his chief duties breaking show cattle and traveling to shows and sales for Gaylan.

Following graduation in June, he hopes to pursue a degree in Animal Production at Penn State. But whatever route he may choose, Ken Walker hopes that the road will always lead him to the business of raising beef cattle.

Ken's Pine Drive son named KW Nighthawk will be in the running for top steer honors at Farm Show next week.

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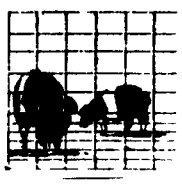

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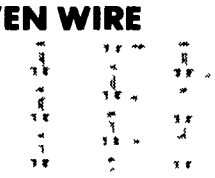

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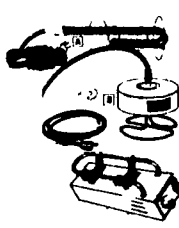

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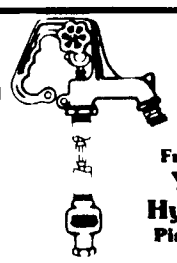

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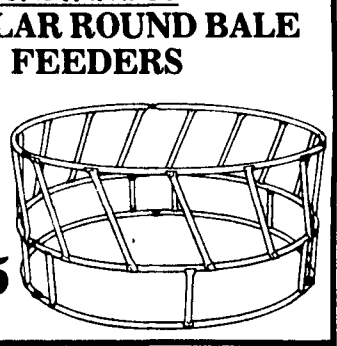

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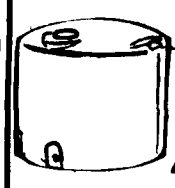

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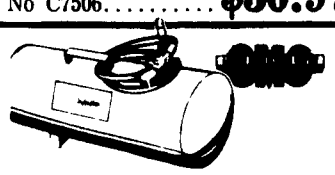

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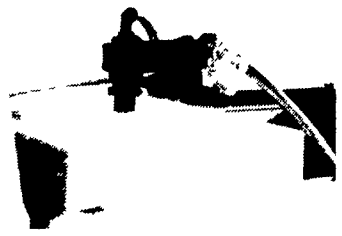

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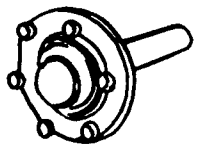

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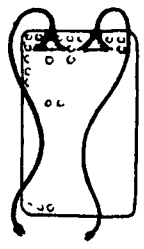

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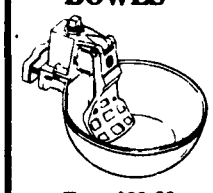

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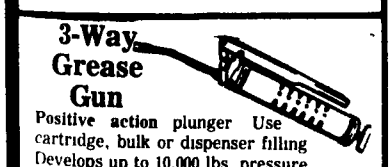

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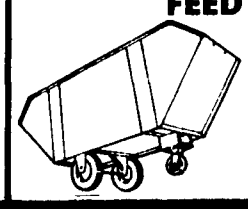

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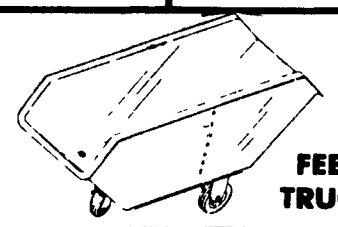

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Protecting your home from lightning

NEWARK, DE – Thunderstorms and lightning are common occurences this time of year. Once lightning strikes it's too late to avoid damage, but the proverbial ounce of prevention is well worth the more expensive pound of cure.

According to University of Delaware extension building specialist Dr. Jim Scarborough, many people experience lightning damage to their homes, appliances and trees that could have been prevented.

Over the entire earth lightning strikes about 100 times a second. The continental United States gets about 90 million strikes a year. "In the Delaware area, our 45 days of thunderstorm activity annually average between 50 and 60 lightning strikes per square mile," says Scarborough.

"It's time to dispel the myth that lightning never strikes the same place twice," Scarborough says. "Just the opposite is true. A tower house once hit by lightning is more likely to be hit again than one that has never been struck."

How can you protect yourself? The expert says, "If you're indoors, stay away from the TV, radio and electrical appliances. Better yet turn them off. Lightning can enter through electrical wiring if an outside line is hit. An outdoor antenna or TV cable gives even better access.

Also stay away from your fireplace, wood stove or chimney. Often the chimney is the highest part of a house and thus the most susceptible to lightning strikes. Soot deposits inside the chimney are good conductors to the inside of a house. Probably the best place to be during a severe lightning storm is the middle of your bedroom."

If you're outside, seek shelter in a large store or building. These are usually metal frame structures with adequate built in protection. One of the safest places to be is inside your car with the windows and doors shut, as long as the car has a metal roof.

If you're caught in an open area such as a field or golf course, lie down in a depression such as a ditch or culvert. On a golf course put your clubs into the bag–don't wave around your own personal lightning rod. Stay off the green and away from isolated trees.

Stay away from pools, lakes and rivers, and get out of the water if you are swimming–lightning is attracted to water, and you don't have to be in it to be hurt. If lightning doesn't find a ground in the water, it will travel to the closest ground or shore, possibly a beach umbrella.

Lightning protection for a house or farm should be installed by a professional contractor specializing in this type of work and using Underwriter's Laboratories-approved equipment, Scarborough says. This is not a job for a homeowner since specific guidelines for placement must be followed and the cables must be securely bonded together or the installation will be useless.

A protection system consists of the following components:

* Air Terminals–These metal tubes or rods are installed at every high point of a building such as roof peaks, dormers, gables, chimneys, ventilators and silo tops. These terminals are 10 to 24 inches long and spaced about 20 feet apart along the roof peak or perimeter of a flat roof. They are clamped directly to the conductor cable. (Avoid ornamentation or weather vanes on terminals or cables as they may weaken the terminal mounting.)

* Conductors–These are heavy copper or aluminum wires which connect the air terminals and any antennas (such as for the TV) with the ground. Conductors are fastened to the roof about every 3 feet. If you live close to the shore, use only copper conductors as aluminum reacts with salt air.

* Grounds–These provide contact with the earth to dissipate a lightning charge. Usually two are needed for each building, but more are required for larger and more complex structures. Grounds should be deep enough to reach moist earth–about 10 feet in this area. They're usually a copper clad steel rod, but may be a buried metal plate or even a water supply line.

* Lightning Arresters–These guard against damage that might occur via electrical or telephone lines. They're available for the main power line, the telephone and the TV.

* Bonds--These are interconnectors for metal parts–usually clamps. If bonds are not installed properly, a high resistance to electricity will occur and a side flash of lightning is possible.

Don't forget the trees around your house, Scarborough says. They can be severely damaged or ruined by lightning, and a tree falling on your house is not the kind of excitement you need during a thunderstorm.

Trees can be protected by securing one or more 10-inch air terminals at the highest stable part of the tree that can be safely reached. Very large or wide trees may need several air terminals. Conductors are mounted with long shank screw fasteners to keep them from contacting the tree and damaging it if lightning should strike.

The ground rod should be sunk beyond the tree's branch line to avoid damage to the root system. This usually means burying the cable. Consider protecting trees close to the house, primary shade trees or ornamental trees, and the tallest tree in a grove if possible.

How powerful is lightning? "Think of your car's electrical system," says Scarborough. "The current in this system can give yor arm a jolt if you touch it. Multiply this by about one hundred times and you have the current in your entire house, which can kill you. Household current multiplied a thousand times can leap a 12-inch gap. Multiply that by 100,000 and you have the power of a lightning bolt, which can explode a major building.

Scientifically, lightning is the electrical discharge that reunites masses of oppositely charged storm-generated ions. Scarborough gives an example: "All of us have had the experience of walking across a rug and then creating a spark when we touched a doorknob. We've just generated a type of lightning. Your body can build up a charge of up to 7,000 volts; to release it a spark jumps to the metal object with the opposite charge. The jolt you get is from the amperage, which in this case is only in the millionths of an amp range–very small."

Lightning is generated in a somewhat similar matter, the engineer says. Negative ions form in the lower part of storm clouds due to the formation of rain, updrafts and other causes. The earth has positive ions, and as the cloud moves, these tend to follow it on the ground, over trees, up buildings–always striving to make contact with the cloud charge.

According to the specialist, when a cloud charge is large enough to overcome the insulation from the air–such as when the cloud-to-ground distance is reduced–the cloud sends down a stroke leader which is jagged, since moving air has different insulation values. This stroke is only faintly luminous and generally not visible. When contact is made with the positive ions on the ground, the highly visible return stroke occurs.

To dissipate its electrical energy, a lightning bolt must eventually find an electrical ground such as wet earth, a water pipe or a ground rod. "Lightning will jump long distances, blow holes through concrete walls, travel along electrical wires or fences, even furrow through the earth in order to find a good ground," Scarborough says.

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Economic outlook for 1986

BY DR. EARL H. BROWN
Agricultural Economist,
University of Maryland

COLLEGE PARK, MD — The economy grew slowly during the first half of 1985, but picked up considerably during the 3rd quarter. Signs now indicate a slight slowdown for the rest of 1985 and modest growth in 1986.

Unemployment decreased slowly through most of 1985, but leveled off in September and is not expected to improve much in 1986.

Inflation increased less in 1985 than in any year since 1967, but is expected to increase modestly in 1986. Interest rates decreased substantially in response to an increase in the money supply, but are probably as low as they are going and will increase modestly in 1986.

Growth

Real GNP increased at an annual rate of only 1.1 percent during the first half of 1985, but picked up to 3.2 percent in the 3rd quarter. The average rate of growth for all of 1985 is expected to be about 2.2 percent compared to 6.8 percent last year.

Most economists expect a growth of about 3.0 percent in 1986. The slowdown during the first half of 1985 was caused by a reduction in inventories and weak exports.

The increase in GNP in the 3rd quarter was primarily the result of huge auto sales in response to aggressive merchandising and subsidized credit and a reduction in the aggregate savings rate to 2.8 percent of disposable income - a 35 year low.

Growth in 1986 will be fueled by a modest increase in consumer income, lagged effects of the easy monetary policy of 1985, the need for businesses to rebuild inventories and increased government expenditures, especially defense.

The increase in GNP will be kept modest as consumers reduce the abnormally large installment debt taken on in 1985. Also, auto sales will probably be soft because of the large number of forward purchases in the 3rd quarter of 1985. Private investment will probably increase no more than 2.5 percent because of excess capacity and relatively weak consumer demand. Exports should increase modestly as a result of a weaker dollar and government efforts to combat foreign competition.

Unemployment

Unemployment fell to 7.0 percent in mid 1985, then edged up to 7.1 percent in September. It is not likely to go below 7.0 percent in 1986 as the work force is increasing about as fast as the number of jobs. Some sectors and regions have relatively little unemployment while others have a considerable amount.

Unemployment in the basic industries wil stay relatively high as companies substitute robots and other labor saving methods to remain competitive with foreign producers. Unemployment in many rural areas will remain high until agricultural income improves.

Inflation

Inflation measured by the CPI, increased 32. percent during the last 12 months - the lowest since 1967. The annual rate of inflation decreased continuously throughout the year from about 4.0 percent in January to 2.3 in September.

Inflation has been held down by relatively modest wage increases, excess manufacturing capacity, competition from imports and depressed food prices. Inflation is expected to pick up in 1986, perhaps to an annual rate of 4.5 percent, for the following reasons: delayed effects of an easy monetary policy in 1985 and a coordinated effort by the five largest industrialized countries to reduce the value of the dollar, which will make imports more expensive.

Interest Rates

Short term rates, as measured by three-month T bills, decreased from 9.5 percent in October 1984 to 7.2 percent in October 1985 primarily as a result of a large increase in the money supply. M-1 increased 10.9 percent from September 1984 to September 1985, as the Fed eased monetary policy to strengthen a faltering economy.

Interest rates have probably bottomed out and should increase in 1986, to about 8.2 percent for 3 month T bills and 11.9 percnet for Moody's Aaa bonds as a result of the following: fear of more rapid inflation, a reduction in foreign capital and large government borrowing to finance the deficit.

MEASURES OF THE ECONOMY

	Nominal GNP	Real GNP	Consumption	Investment	Govt. Expenses	Net Exports	Federal Deficit
	($ billion)	(——1972 billions of dollars——)					($ billion)
1976	1,718	1,298	823	185	265	25	-66
1977	1,918	1,370	864	214	269	22	-45
1978	2,164	1,439	903	237	275	24	-49
1979	2,418	1,479	928	236	278	37	-28
1980	2,632	1,475	932	209	284	50	-60
1981	2,954	1,514	957	228	287	43	-58
1982	3,073	1,485	970	195	292	29	-111
1983	3,305	1,534	1,011	.218	293	12	-195
1984	3,663	1,639	1,063	290	302	-15	-185
1985E	4,232	1,675	1,106	288	314	-33	-210
1986F	4,549	1,725	1,130	295	330	-30	-200

RATES OF CHANGE IN THE ECONOMY

	GNP Growth	Inflation CPI	Unemployment	3 Mth T Bills	Moody's Aaa	Productivity	Money (MI)
1976	5.4	4.8	7.6	5.0	8.4	3.3	6.6
1977	5.5	6.8	6.9	5.3	8.0	2.4	8.1
1978	5.0	9.0	6.0	7.2	8.7	0.6	8.3
1979	2.8	13.3	5.8	10.0	9.6	-1.2	7.1
1980	-0.3	12.4	7.0	11.5	11.9	-0.5	6.5
1981	2.6	8.9	7.5	14.0	14.2	2.4	6.4
1982	-1.9	3.9	9.5	10.7	13.8	-0.1	8.5
1983	3.7	3.2	9.6	8.6	12.0	2.6	9.0
1984	6.8	4.3	7.5	9.5	12.7	3.1	5.0
1985E	2.2	3.2	7.1	7.2	10.9	2.0	10.9
1986F	3.0	4.5	7.0	8.2	11.9	1.5	7.5

Sources: Economic Report of the President, February 1985, and the Economic Outlook, Congressional Budget Office, August 1985.

E = Estimated, F = Forecast. Both are estimates of a consensus of several sources, October 1985.

Altoona agent honored by U.S. extension group

UNIVERSITY PARK — Mary Jo Cook, 4-H regional agent for The Pennsylvania State University Cooperative Extension Service, has been named a winner of the 1985 Distinguished Service Award presented by the National Association of Extension 4-H Agents.

The award is given to extension staff with outstanding achievements in youth programming. Cook received the award, at the association's annual meeting in Fort Worth, Texas, in November.

Based at Penn State's Altoona Campus, Cook assists extension staff in the 17 county Central Region with the programming, planning, implementation and evaluation of their county 4-H programs. She provides leadership in program areas of middle management, adult and teen leadership development, and resource development.

Cook works to meet the needs of 4-H leaders and members. In 1983 she joined forces with regional program leaders and state specialists to study and make recommendations for the training needs of 4-H leaders in 23 northcentral and northwestern counties.

She received special funding from Pennsylvania Friends of 4-H to help design a survey to determine the needs in six counties in the northcentral region of the state. Using the results, she also assisted the counties in creating their own county-leader development programs.

In 1981 she won the State Achievement Award, also presented by the National Association of County Agricultural Agents. She was recognized for her innovative educational programs. In 1980 she was northeastern United States winner of the Search for Professional Excellence Contest sponsored by the National Association of County Agricultural Agents for her youth programming.

A native of Punxsutawney, Cook joined extension in 1976 as Jefferson County 4-H agent. During her time there, 4-H program enrollment increased by 600 percent. Cook received a bachelor of science degree in rehabilitation education from Indiana University Pennsylvania and a master's of education from Slippery Rock State College.

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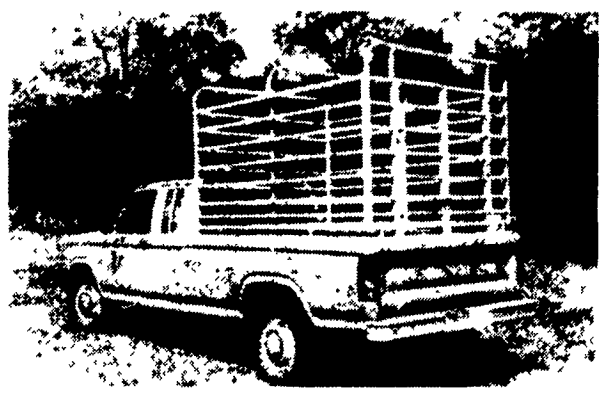

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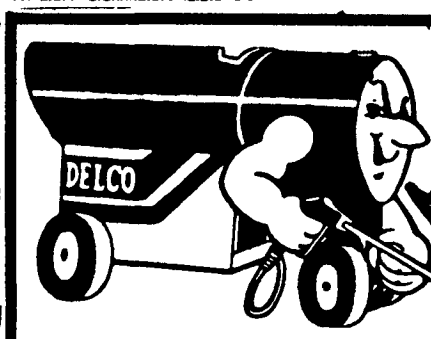

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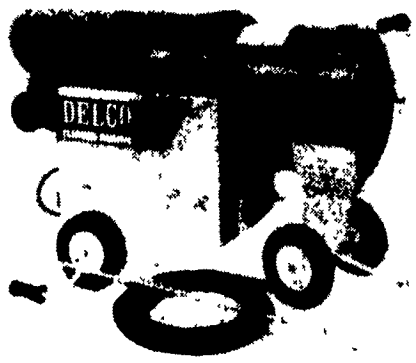

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Prospects for ag trade in '86

BY DR. EARL H. BROWN
Agricultural Economist,
University of Maryland

COLLEGE PARK, MD – The value of agricultural exports is expected to be $32 billion in 1985, down almost 16 percent from 1984 (Table 1). This is below the peak of $44 billion reached in 1981, but considerably above the 1970 level of seven billion dollars.

The major reasons for the decrease in 1985 were: generally lower prices, loan rates above world prices, increased grain production around the world and reduced dairy production in the European Community (EC).

Imports of agricultural products are expected to reach $20 billion in 1985, one billion dollars above 1984 and nearly 16 times the amount in 1970. Most of the increase in 1985 was due to higher prices, as tonnage increased less than one percent. The increase in imports can be attributed to the strong dollar, consumer demand, and the need for some countries to earn foreign exchange.

Export tonnage decreased for the fifth consecutive year in 1985, to 129 million metric tons (mmt) (table 2). This is down from 144 mmt in 1984 and 164 mmt in 1980. The largest decreases occurred in wheat (27%) soybeans (14%) and cotton (13%). The main reasons were: lower dairy production in the EC, increased competition from the EC and India for wheat and Argentina and Brazil for soybeans.

The value of agricultural exports to the USSR is expected to reach $2.8 billion, up from $2.5 billion in 1984 and $983 million in 1983 (table 3). The USSR imported cotton to offset a poor cotton crop and feed grains to replenish stocks depleted in 1984 as a result of a poor grain harvest and increased livestock numbers.

The value of exports to all other major destinations decreased, with the largest decreases occurring in Western Europe, Japan and Mexico. Agricultural exports to the EC declined because of increased grain production in the EC, slow economic growth, weak demand for livestock products, decreased milk production, the strong dollar and the use of EC wheat for feed.

Increased competition from China for corn, cotton, and soybeans and from India for wheat were the main reasons for decreased exports to Japan. Exports to Mexico fell because good corn and soybean crops reduced the need for imports.

Forecasting agricultural exports for 1986 at this time is subject to a wide margin of error. USDA says the outlook for 1986 is not bright for either tonnage or prices. Wheat tonnage is expected to decrease about 6.5 mmt, while coarse grain tonnage is expected to be down about 5.6 mmt.

Soybean tonnage may be up slightly if Brazil and Argentina reduce exports as expected. Increased production in both importing and competing exporting countries is the main reason US exports will be down.

On the plus side, the Administration announced the establishment of a "war chest" and promised more aggressive action against countries using unfair trade practices.

Population and income are the two major driving forces behind long run demand for food. World population increase has slowed to about 1.6 percent per year, but increasing income is expected to push the long run demand for food up about 2.0-2.5 percent per year.

Production around the world will increase as a result of bio technology, new land, irrigation and economies of larger farms. The US will have to fight hard to maintain its share of world agricultural trade.

If current share is maintained, US agricultural exports could increase about 2.0-2.5 percent per year. If the US, through its superior agricultural research and extension programs, gets farmers to adopt new technologies faster here than in other countries, the US could underprice competitors and increase its market share.

Table 1. U.S. AGRICULTURAL TRADE, SELECTED YEARS[1]

	1970	1975	1984	1985[2]	Change 1984-1985 (percent)
		(million dollars)			
Exports	6,958	21,854	38,031	32,000	-15.9
Imports	5,686	9,470	18,898	20,000	+5.8
Balance	1,272	12,384	19,133	12,000	-37.3

Table 2. TONNAGE OF U.S. AGRICULTURAL EXPORTS BY COMMODITIES[1]

	1972	1975	1984	1985	Change 1984-1985 (percent)
		(1000 metric tons)			
Animal & An. Prod.	1,448	1,424	1,999	1,700	-14.9
Grain & Feed	45,362	67,979	107,459	97,100	- 9.6
Oil Seeds & Prod.	15,931	17,010	26,336	22,800	-13.4
Other	5,871	7,114	7,780	7,400	- 4.9
Total	68,612	93,527	143,574	129,000	-10.2

Table 3. VALUE OF U.S. AGRICULTURAL EXPORTS BY DESTINATION[1]

	1980	1981	1984	1985[2]	Change 1984-1985 (percent)
		(million dollars)			
Western Europe	12,033	11,286	9,264	6,900	-25.5
Eastern Europe	2,281	1,940	741	600	-19.0
USSR	1,414	1,573	2,512	2,800	+11.5
Asia	14,129	15,965	15,210	12,400	-18.5
Africa	2,181	2,792	2,868	2,600	- 9.3
Latin America	5,478	6,869	5,282	4,700	-11.0
Oceania	189	208	216	200	- 7.4
Canada	1,750	2,022	1,936	1,800	- 7.0
Unknown	1,206	1,132	—	—	—
Total	40,481	43,788	38,031	32,000	-15.9

[1]Fiscal year October 1 to September 30.
[2]Forecast as of August 1985
SOURCE: U.S.D.A.

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4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

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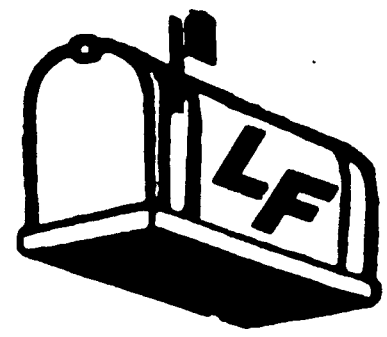

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15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

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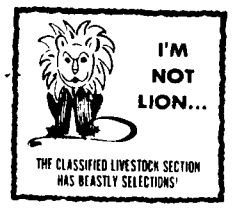

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331 NH manure spreader, 130 bushel, A1 condition. $795 or Best Offer. 717-653-9554.

445 Mustang Skid Loader w/Perkins diesel engine & hydrostatic drive, engine needs work, $3,000. Cumberland Co. 717-532-3360.

702 NI Uni System, tractor w/cab, GMC V6 gas engine, asking $2800. GMC V6 gas engine to fit Uni System, 1800 hours, $750. Chester Co., 215-793-1345.

702 NI Uni System, GMCV 6, 120 hp w/cab, 737 Husker, 725 3RN head, 2RW head. 760 Harvester & 763 3RN head, good condition. $6,900 or best offer. Will separate. 717-653-9554 eves. No Sunday calls.

705 Uni-system tractor, diesel, cab, nice, 1100 hours. 717-334-6418.

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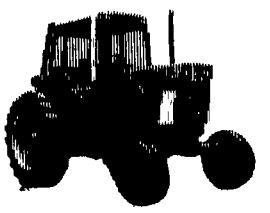

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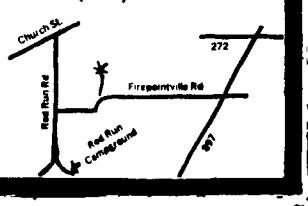

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Eager Beaver

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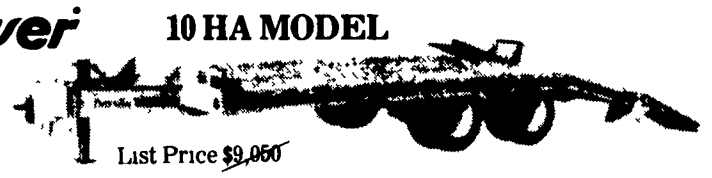
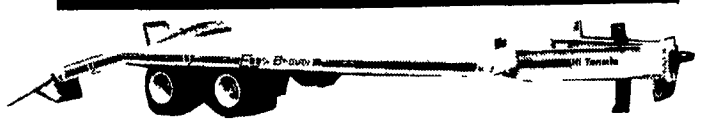


List Price ~~$9,050~~

Capacity at 54 MPH	Trailer Weight	Gross Vehicle Weight at 54 MPH	Overall Length	Overall Width	Deck Length	Deck Width	Deck Height
20 000 lbs 9 072 kgs	5 800 lbs 2 631 kgs	25 800 lbs 11 703 kgs	24 6 7 468mm	96 2 438mm	20 6 096mm	96 2 438mm	32½ 826mm

Eager Beaver 20HA



ON DISPLAY

20 TON HEAVY AIR BRAKES 20 HA

List... ~~$12,095~~

Capacity: 40,000 lbs. at 50 MPH
Trailer Weight: 7,050 lbs.
Overall Length: 27'6"
Overall Width: 96"
Deck Length: 22'
Deck Width: 96"
Deck Height: 37"
Tires: (8) 8.25 R 15 (G) Radial

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Plus F.E.T. $846.00

SAVE A BUNDLE ON SOUTHEAST

BIG DX

SPECIFICATIONS:

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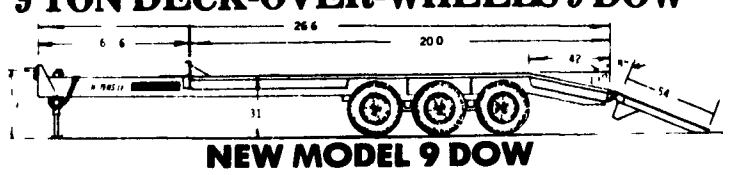
Brake Axles. 2
Hitch . . . 2 5/16" Ball
Deck Material . . . Oil treated 2" pine
Tires 7:00x14.5
Weight. . . . . 1500#
Capacity . . . 8000 lbs.
Color . . . . . Yellow
GVW. . . . . 9500 lbs.
Deck Width . . . . . 76"
Deck Height . . . . 19"

Removable Bolt On Fenders Are Included In Price

• **TT14** Deck Length: 14 Ft.
List Price... ~~$2,485~~ DISC. SALE PRICE **$1,695**

9 TON DECK-OVER-WHEELS 9 DOW



NEW MODEL 9 DOW

9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control

Regular List Price, Setup. $5,500.00

CLEARANCE SALE PRICE. . . . . ONLY **$4,350**

Also Available: B9 DOW BUDD WHEEL MODEL. $4,550

JD 4430 w/LOADER

Cab Tractor w/Approx. 3,900 Hrs.
Buy w/No Trade & Pay ONLY **$14,800**

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours Mon.-Fri. 7 A.M. - 5 P.M.;

Farmers, You Deserve A Break...Enjoy The PA FARM SHOW!

Stop By The CASE IH Exhibit And Meet One Of Binkley & Hurst Bros.' Friendly Salesmen: Don Hoover, Merv Nissly And Rick Pfautz.

Binkley And Hurst Bros. Are Dedicated To Giving Their Customers The Best Deals Possible On Tractors And Equipment

Brand New

CASE IH 584 DIESEL TRACTOR

Serial #10915

- Double Hydraulic Outlets (Roof Extra)

Ready To Roll

ONLY $12,350 CASH

On A Lease Deal You Can't Refuse - Act Now!

BRAND NEW CASE IH 244 DIESEL

21 HP w/Farm-Type Tires

We have one in stock at

$6,195

244, 21 engine hp

Every farmer can keep one busy!

International 200 Series Tractors

They're compact, but surprisiingly powerful to save you a lot of back-breaking work Husky, 3-cylinder diesel engines give you the power and economy you need around the farmyard or in the city, to do all types of jobs

These are true farm-style tractors with 3-point hitch, smooth shifting transmissions, hand and foot throttles, plus complete lighting and instrumentation packages

The 540 RPM PTO is standard on all three models The 244 and 254 also have an optional 1250 RPM FRONT PTO For extra power and flotation, Mechanical Front Drive (MFD) gives you full all-wheel power for greater traction

A fresh team for today's farmer

See us for 200 Series tractors, plus a full line of matching equipment!

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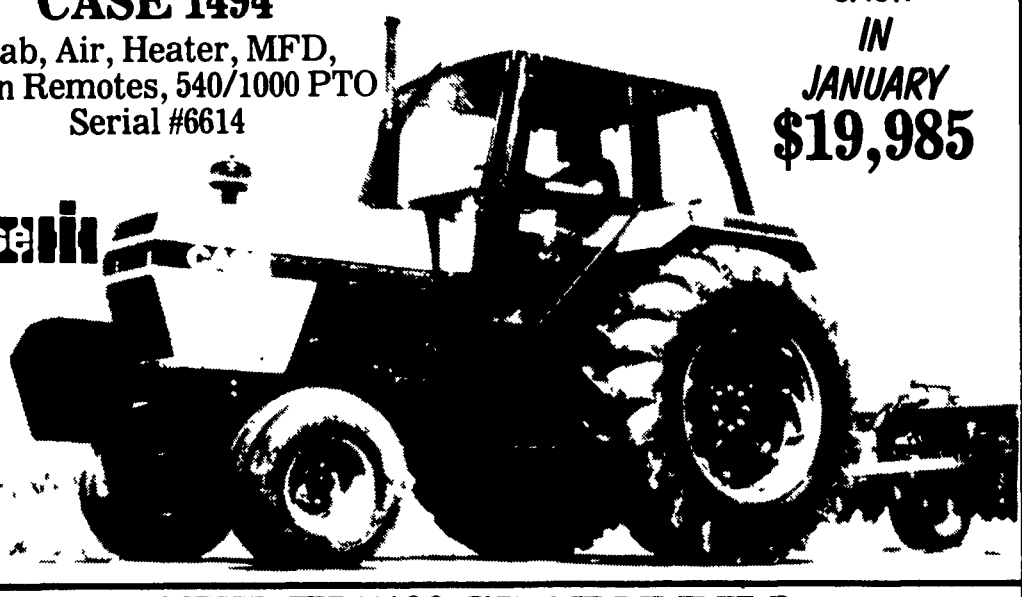
CASE 1494

Cab, Air, Heater, MFD,
Twin Remotes, 540/1000 PTO
Serial #6614

CASH IN JANUARY

$19,985



CASE 2094

Cab, Air, Heater, Power Shift,
20.8x38 Tires, 540/1000 PTO
Serial #9044

$8,250 Down w/Waiver Till 1987

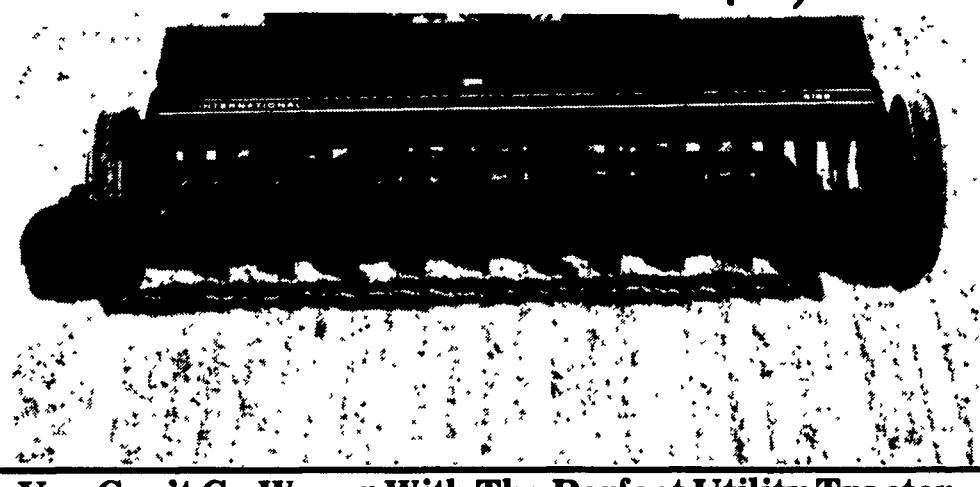
OR

PAY CASH & BUY FOR $25,385

NEW IH 5100 GRAIN DRILL

With Double Disc Openers

$4,995 CASH



You Can't Go Wrong With The Perfect Utility Tractor At The Right Price

Ideal For Loader Work!

CASE 1394 65 HP 2 WD

One Only

Fender Tractor, #36294

- 12 Speed Powershift
- Single Remote Valve
- 7 50x16 Front Tires
- 18.4x26 Rear Tires

Don't Wait!
List $22,980

CASH SALE PRICE **$13,650**

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Sat 7 A.M - 11:30 A.M. Sun. Closed - Lord's Day

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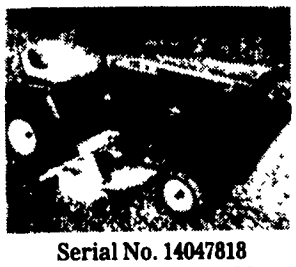
We Thinned-Out Our Used Tractor Line Considerably With Our End Of The Year Clearance...Listed Are A Few Of The Discounted Tractors Remaining

Almost New Case Model 116 Demo 16 HP Compact Riding Mower



Serial No. 14047818
w/44" Rear Discharge Mower
$2,971
LESS 50%...
ONLY $1,485
New Warranty

Reconditioned Case 2470 4WD, Approx. 175 PTO HP

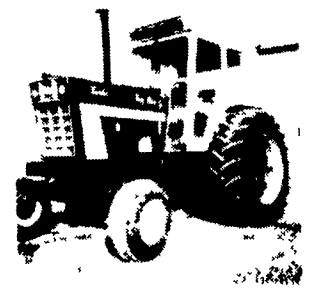
1973 Model, 18.4x34 Deep Lug Tires, Motor Has New Sleeves, Pistons, Rod & Main Bearings, 3 New Heads, New Turbo, New Hyd. Pump, Injectors Gone Over. Has 3 Pt. Hitch, 1000 RPM PTO
Reg. Price ~~$18,900~~
DISC. SALE PRICE **$14,800**

Clean 1975 Case 790 Cab w/Power Shift

20.8x34 Tires - 30%, Front End Weights, Approx. 3100 Hrs., Serial No. 2807

Reg. Price ~~$11,500~~
DISCOUNT SALE PRICE **$9,750**

IH 1066 w/Cab



1971 Model, Serial No. 8351, Approx. 3165 Hrs., New TA & Clutch, New 20.8x38 Tires, 540-1000 PTO

Reg. Price ~~$10,800~~
DISCOUNT SALE PRICE **$8,800**

Clean IH 1066 w/Cab

Late Model 1971, Serial No. 9268 w/2632 Original Hrs., Good 20.8x38 Tires, New TA About 180 Hrs. Ago, 540-1000 PTO, Ready For The Field

Reg. Price ~~$12,650~~
DISCOUNT SALE PRICE **$10,650**

90 HP CASE 1690 w/Low Hours To Choose From!

Both Tractors Have Twin Hyd Outlets, 18.4x34 - 90% On Rear And 10.00x16 Tires On Front. Both Are 1981 Models & Both Have On-The-Go Powershift Transmissions.

Serial No. 2564
Has 485 Actual Hrs.
Reg. Price ~~$15,800~~
DISCOUNT SALE PRICE **$13,200**

CASE MODEL 1410 1976, Approx. 80 H.P.

Standard Shift, 540 PTO, Double Remotes, 18.4x34 - 25% On Power Adjust Rims, Serial No. 0761

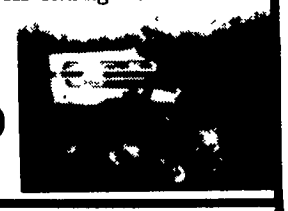
Reg. Price ~~$7,800~~
DISCOUNT SALE PRICE **$5,900**

CASE DAVID BROWN Model 995

All Wheel Drive
Vegetable Special w/13.6x38 Tires Front & Rear, Rated At 58 HP Diesel, 3 Pt. Hitch
ONLY **$4,950**

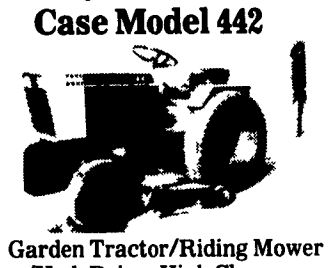
IH CUB CADET

12 HP Riding Mower



ONLY **$1,670**

12 HP TRACTOR w/MOWER Case Model 442



Garden Tractor/Riding Mower w/Hyd. Drive, High Clearance 16" Rear Wheels
ONLY **$1,495**

CASE MODEL 220 10 HP Riding Mower

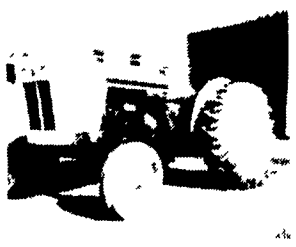
Newly Rebuilt Motor, 44" Mower In Very Good Condition
Reg. Price ~~$1,960~~
DISC. SALE PRICE **$1,690**

CASE DAVID BROWN 1212 65 HP Diesel w/On-The-Go Power Shift

1971 w/Approx. 3200 Hrs., Dual Remotes, 540-1000 Shifter, Good 18.4x30 Tires, Power Adjust

Reg. Price ~~$5,850~~
DISCOUNT SALE PRICE **$4,980**

DAVID BROWN 1200 Diesel Tractor



540-1000 PTO Shift, 18.4x30 Tires - Approx. 90%, Approx. 2275 Hrs.

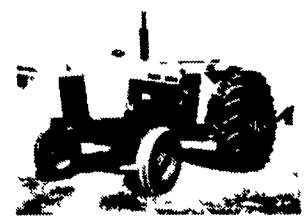
Reg. Price ~~$4,800~~
DISCOUNT SALE PRICE **$3,250**

CASE MODEL 1390

1980, 60 HP Diesel Tractor w/Cab, Approx. 1659 Original Hrs., Single Set Of Hyd. Remotes, 5 Weights, Standard Shift, 60% Rubber On Rear, Serial No. 11122451

Reg. Price ~~$9,800~~
DISCOUNT SALE PRICE **$8,800**

1410 CASE 1976 Model, 80 HP Rating



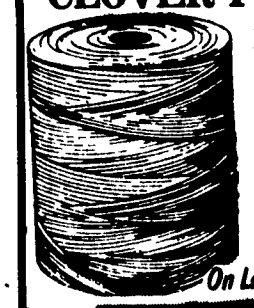
w/Standard Shift, 540 PTO, Front Bumper w/Hitch, Approx. 1900 Original Hrs., Double Remotes, Like New 18.4x34 Rear Tires, No. 1050480
Reg. Price ~~$8,900~~
DISCOUNT SALE PRICE **$7,650**

CASE MODEL 1290 53 HP Diesel

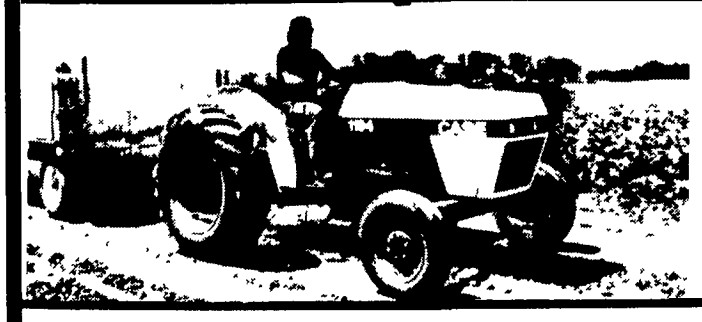
Only Approx. 1500 Hrs. Ready For Work

Reg. Price ~~$8,800~~
DISCOUNT SALE PRICE **$7,990**

CLOVER TWINE

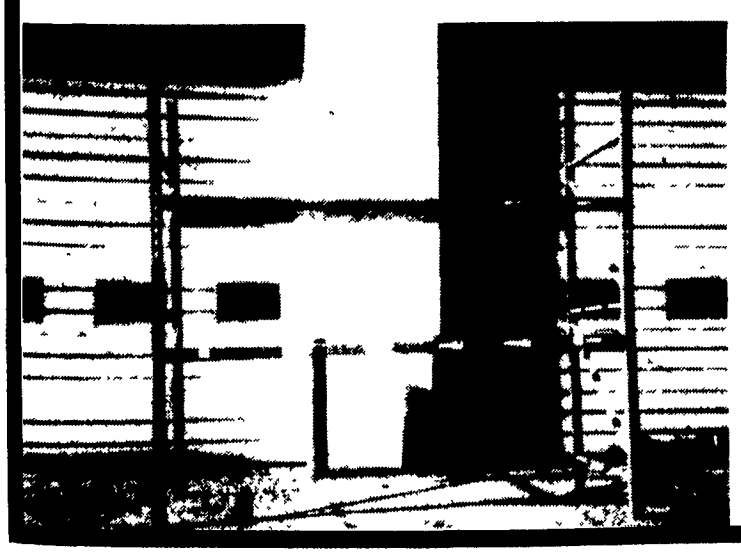


$15.30 per bale for 9,000 Sisal
Call For Discount On Large Quantities



NEW CASE 1194 DIESEL 43 HP

6 Months of New Warranty
Independent PTO, Single Set Hyd. Outlets, Calcium Fluid Ballast In Rear Tires, 6.00x16 Front Tires, 13.6x28 Rear Tires, Serial No. 11041055
Factory List Price ~~$17,662~~
DISCOUNT SALE PRICE **$8,460**



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Our Shelving Is Moving Fast... If You Have A Need For Some, Call Today While Supply Lasts

Prices Reduced As Much As $1,000 On Some Units

Good Used CASE 1845 DIESELS

All Units Are Hydrostatic Drive And Self-Leveling Loaders

- **1977 MODEL,** Serial No. 9836894, 12.00x16.5 Flotation Lug Tires, 73" Dirt Bucket, Hydrostatics Rebuilt ..... ~~$9,750~~ **$8,750**
- **1980 MODEL,** Serial No. 9850638, 7.50x16 Mud-Type Tires & Used 73" Bucket. Or A Heavy Duty Pallet Fork Attachment, Approx. 3300 Hrs., Gets Used Almost Every Day As A Forklift Tractor Around Our Shop. A GOOD RUNNING MACHINE..... ~~$9,800~~ **$8,800**
- **FORD MODEL CL40,** Serial No. 6245, Ford Gas Engine w/ROPS, 60" Bucket, 2422 Hrs., 10.00x16.5 Tires. Clean Unit ..... ~~$5,800~~ **$4,800**

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1 FARM EQUIPMENT

JD 2030 diesel, high and low, heavy duty front end. Real clean. 814-793-4293.

JD 4020 power shift, dual hydraulics. 814-793-4293.

JD 4230 fender tractor, dual hydraulics, excellent condition. 814-793-4293

JD 4320 cab & air, dual hydraulics, 38" rubber, like new. 814-793-4293.

JD 4430, cab & air, 77 model, power shift, 814-793-4293.

JD 450 Crawler Loader, 814-793-4293.

JD 4520 w/factory cab, dual hydraulics, excellent. 814-793-4293

MF 175 diesel, excellent condition. 814-793-4293.

Model 30 Cockshutt Farm Tractor w/Farmhand loader. Lancaster County. 717-733-4128

NH 352 grinder mixer, excellent condition. 301-692-2826

Oliver 1655, original paint, 3 pt. 814-793-4293

Oliver 1855, wide front, 3 pt. hitch. 814-793-4293.

JD 5020, 72 model with new engine and duals. 814-793-4293

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One 6600 JD Combine w/17' platform. One 1805 MF w/7000 gal. manure tanker. One Lilliston no-till drill. 717-637-0192.

N6 COMBINE w/6 ROW HEAD & GRAIN HEAD
ALL 1985 UPDATING KITS ON IT

TRACTORS

AC 7030	AC 7010D	AC XT190D	IH 806
AC 7060	AC 200	AC 180D	JD 2010
AC 7040D	AC 210	AC D19D	MF 65G
AC 7045D	Oliver Super 77	AC D14	Case 1490
AC 7050D	AC 655 Crawler	AC 5050D	JD 450 Crawler
AC 7020D	AC 7000D	AC 5040D	Oliver 1650D

329 Super Sheller Unit for New Idea Picker

USED COMBINES (LIKE NEW)
A.C. Models: G-C-N-L-F
These Combines are in Excellent Condition

NI 702 UNI-HARVESTER
w/2 Row Sheller

NI 708 UNI-SYSTEM, HYDRO DRIVE
w/717 COMBINE, CORNHEAD & GRAINHEAD

USED FORAGE HARVESTORS: GEHL, I.H., N.H.

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SPREADERS
NH 365 Tank Spreader
NH 791
NH 510
NI 208 Spreader
JD 40 Spreader
JD 790 Tank Spreader

HAY & FORAGE
JD 510 Round Baler, Excel.
NH 282 w/Thrower
NH 268 w/Thrower
IH 47 & JD 24T Balers
JD 38 & 35 Harvesters
NH 880 Harvester w/Grass & 2 Row Corn Head
(2) JD 216 Forage Wagons
JD 65 Blower

LOADERS
JD 148 Loader
OMC 320 Skid Loader

TRACTORS
JD 2940, 3020 & 4020
JD 4240 SGB, QR
JD 3010 w/148 Loader
Farmall 460 w/Loader
JD 4240 P.S., Low Hrs., SGB Loaded
Set of 34" Duals
Set 36" Wheels

TILLAGE
JD 3 BT 14" Plow
IH 8 ft. Disk
JD KBA 9 Ft. Disk
JD JBA 7 Ft. Disk
Oliver 4 BT 16" Plow
Case 3 BT
JD 1600 8 Tooth Chisel Plow
IH 350 Disk

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JD 1440 No-Till
JD 1300
JD 494 A

NI 311 2 Row Pull Picker
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Ford 4000 1968
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Ford 4100
Ford 4100 w/Cab
Ford 4610
Ford 4610, 4WD
(2) Ford 5000
Ford 6610
Ford 7000
Ford 7400, 4WD & DP
Ford 7600, DP
Ford 7600 w/cab & DP
Ford 7700 w/cab & DP
Ford 8[SOLD] 4WD, 120 hp
Ford 9700 cab, DP
Ford TW15 w/cab & air
Ford TW20
JD 2130 1978, w/cab H 4WD
JD 2130
JD 3040 w/cab
(2) JD 4040, 2WD
(2) JD 4240, 4WD, cab & air
JD 4[SOLD] 4WD
IH 856
IH 330 Utility
IH 330 w/Loader
Case 2090, 2 WD w/cab & air
Case 2290, 2WD w/cab & air, power shift
Oliver 1465
Fordson Major diesel

New [SOLD], 4WD
New MT 160, 4WD w/loader
New MT 210 4WD w/loader

We are now your authorized Mitsubishi Dealer

We also have a large inventory of tractors at our other location at 4530 Olde Scotland Rd., ¼ mile off Exit 8 on 696 North.

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30-5:00 Mon.-Fri.
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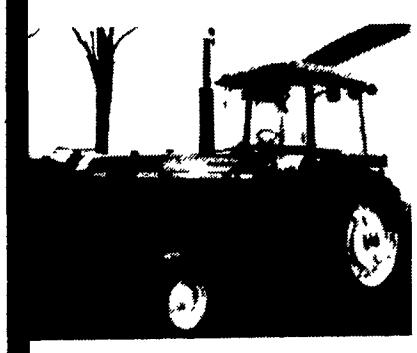
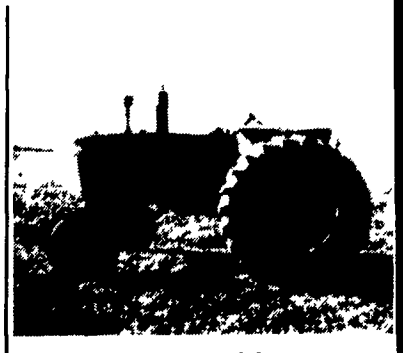


JD 4040
Cab, QR, 1200 Hrs., Dual Hyd., Wts., Like New
$14,900



JD 3020
Diesel, WFE, Powershift, Solid
$4,900

OTHER TRACTORS

JD 820 Diesel, Utility, Powersteering, Outlet	$4,500
JD 2510 Diesel, WFE, New Rubber	$4,900
JD 4000 Diesel, WFE, Side Console, Sharp	$7,500
JD 4440 Cab, QR, Dual Hyd.	$18,500
JD 2940 Roll-Bar	$10,500
JD 4020 Dsl., WF, Dual Hyd.	$5,500
JD 4030, 4 Post w/Weather Enclosure	$7,900

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Can Finance No Sunday Calls

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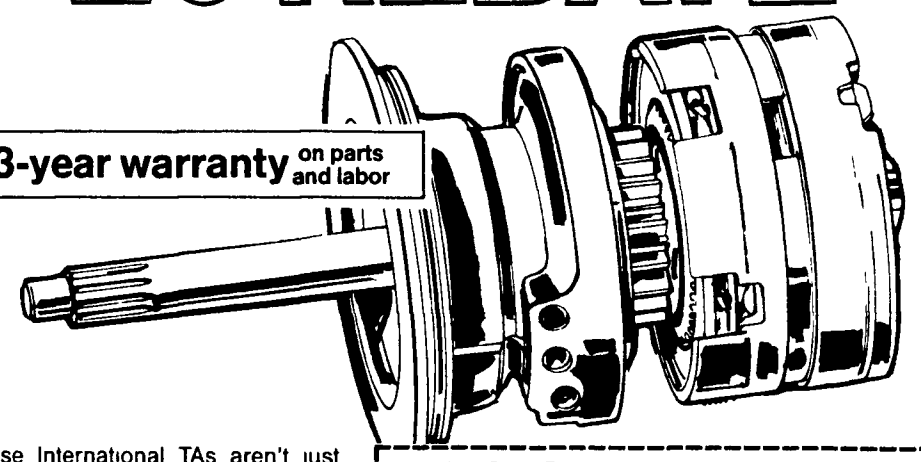
PARTS VALUE OF THE MONTH

Restore original TA performance and get a
$20 REBATE



3-year warranty on parts and labor

Case International TAs aren't just repaired, they're completely remanufactured at the factory New parts are installed wherever they're needed And finally the TA is rigorously tested to assure you long lasting performance

	List
IH Renewed T.A.	$799.00
Gasket Package	43.28
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Bring Your Tractor To Our Shop And Have This T.A. Installed For A Total Price Of Only.... $919.00
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INSTALLED PRICE...$899.00
(On Tractors Without Cabs)
Call Rick - Service Manager

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Come in today with this coupon

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Offer valid until March 31 1986 only
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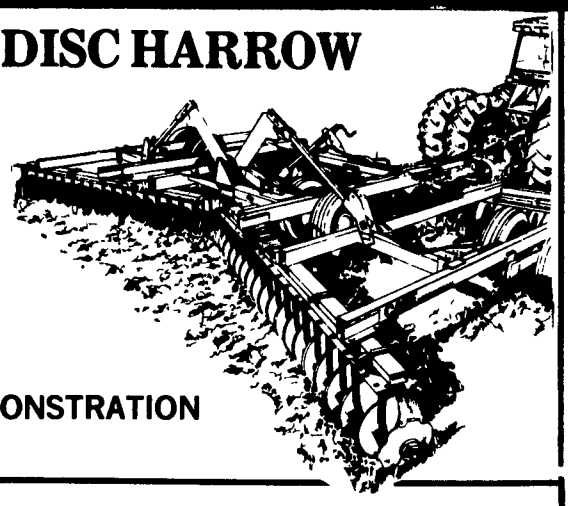
CASE IH 496 DISC HARROW

w/Rock Flex Bearing Hangers And Long Lasting Earth Metal Blades



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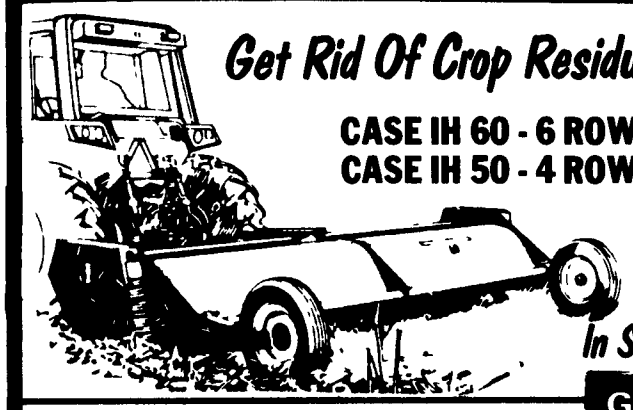
GET THROUGH TOUGH CONDITIONS

Need To Chisel?
Need To Haul Manure On Wet Ground?

Try The
CASE IH MODEL 3294 4 WD TRACTOR
162 PTO HP

Call For Demo



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CASE IH 60 - 6 ROW SHREDDER
CASE IH 50 - 4 ROW SHREDDER

w/4 Wheels & Shear Angle For Finer Shredding

In Stock, Ready To Go!

Coming In...

- IH 886D w/Cab, A.C.
- IH 574D w/3 Pt. Hitch
- IH 55 9 Tooth Chisel Plow
- IH 45 Vibra Shank
- JD 4 Row Cultivator
- IH 4 Row 56 Planter
- NH 451 Sickle Bar Mower
- NI 325 2 Row Cornpicker
- 3 Gravity Boxes
- 36 Ft. Elevator
- Farmall F12 w/Cult.
- JD KBA 10 Ft. Transport Disk Harrow
- Brillion Cultipacker, 14 Ft.
- Walsh 200 Gal. Sprayer
- Farmhand Wheel Rake
- Duals 18.4x34

On Display:

- MODEL 2096 2 WD, 110 HP
- MODEL 2294 2 WD, 131 HP

GOOD CLEAN USED EQUIPMENT

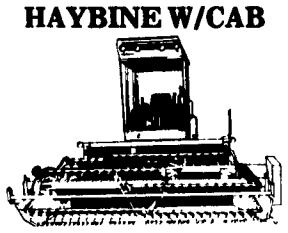
TILLAGE
- Oliver 4 Row Cultivator
- IH Model 450 Plow
- 7 Tooth Glencoe Soil Saver
- 7 Tooth Glencoe Soil Saver Ex
- Brady 12 Ft Field Cultivator

MISCELLANEOUS
- NH 960 Grain Platform 13
- 1 Pr Dual Wheels & Tires 31x5 15 x15 8 Ply
- 1 Pr Dual Wheels & Tires 18 4x26 6 Ply
- Walsh 300 Gal Trailer Sprayer w/Boom (Used 1 Time) ONLY $1 350

HAY & FORAGE
- NH 275 Baler w/Thrower
- IH #40 Shredder, 4 Row
- NH 2 Row Snapper 30 Rows
- NH 718 Chopper w/Head
- IH 56 Blower
- IH 555 Forage Harvester w/Cornhead & Pickup Attachment
- NH 269 Baler
- NH 320 Baler w/Thrower (Ex Cond)
- NH 489 Haybine
- NH 852 Round Baler Auto Tie Excellent
- NH 273 Baler w/Thrower
- Studebaker Truck w/No 8 Forage Wagon
- Hesston Mower Cond 9 Ft Cut Ex Condition
- (2) #8 Forage Box Wagons
- JD 60 Blower
- NH 238 Tandem Axle Wagons
- AC Forage Box
- Used Field Queen Self Propelled Harvester Cat Diesel w/Cab 3 Row Head & Hay Pickup Head Good Cond
- Hesston 7 Ft Mower Conditioner

SKID LOADERS
- Case 1737 w/Bucket & Manure Fork Good Condition ONLY $3 950
- NH L425 w/Bucket

NH 1495 SELF-PROPELLED HAYBINE W/CAB



Air, Hydrostatic Drive, Diesel Engine, Excellent Condition.

SPREADERS & GRINDER MIXERS
- NH 676 Spreader w/Hyd Gate
- Nh 512 Single Beater
- NI Tandem Axle w/Top Beater Ex Condition ONLY $3 850
- NI Model 245 Spreader Hyd Gate & Splash Guard Ex Condition
- NH 791 w/Top Beater Splash Guard Hyd Endgate Ex Condition
- NH 795 w/Top Beater Splash Guard Hyd Endgate Ex Condition

TRACTORS
- Farmall 460
- IH 350 Fast Hitch
- IH Farmall Cub w/Mower
- IH 2444 w/Loader
- Ford 30 w/Mower
- IH 574 w/Loader Ex Condition
- IH 500C Crawler Diesel w/Bucket Ex Cond

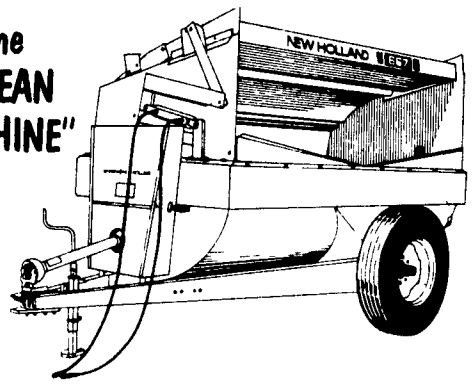
PLANTING & SEEDING
- IH 400 Planter w/Liquid Fertilizer, 4 Row
- IH 400 Planter 6 Row, w/Dry Fert
- Ontario Grain Drill, 16x7

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

YOUR NEW HOLLAND EQUIPMENT HEADQUARTERS

NH 667 TANK SPREADER

The "CLEAN MACHINE"



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- Hyd Cylinder Hoses

Reg Price $6,950 **OUR PRICE $5,450**

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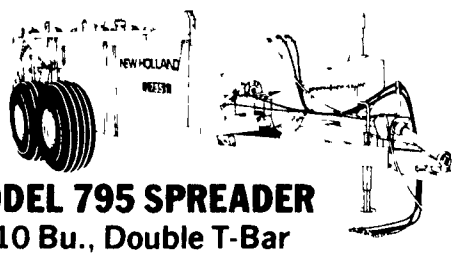
OR Waiver Of Finance Till Sept 1986

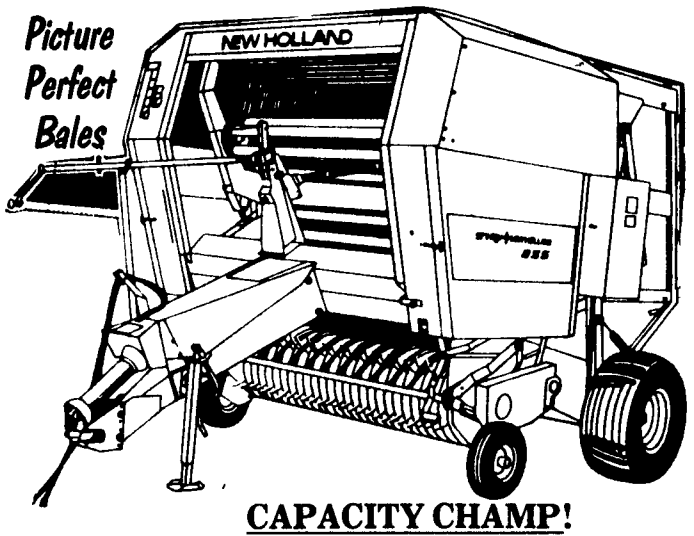


MODEL 795 SPREADER
410 Bu., Double T-Bar Chain

ALL NEW N.H. 855 BALER

Featuring: Exclusive MEMORY WRAP™

Picture Perfect Bales



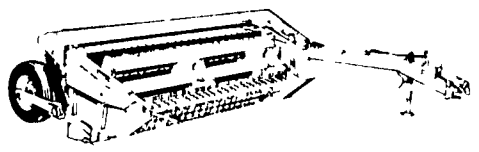
CAPACITY CHAMP!
For **CORN FODDER**
And • High Moisture Haylage
• Hay

0% FINANCING For 18 MONTHS

FEBRUARY 1986						
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

Look For Our OPEN HOUSE February 12th-15th

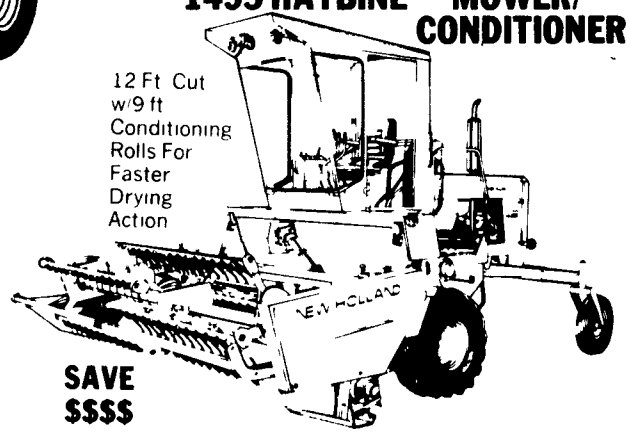
NH MODEL 489 MOWER CONDITIONER



Cut fast, avoid damage makes a nine-foot cut, fast. The rolls on the "489" are in the main frame, not in the header. So the header is light, to glide over rocks and obstructions with less chance of damage.

Hay In A Big Way!
1495 HAYBINE® MOWER/ CONDITIONER

12 Ft Cut w/9 ft Conditioning Rolls For Faster Drying Action



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0% FINANCING FOR 18 MONTHS

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Spreaders & Grinder Mixers Till Sept. 1, 1986

OR • Big Cash Rebates
OR • 0 % Financing - 12 Mos. • 8.9% Financing - 36 Mos.
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Chevrolet Small Block Engine Rebuilt Kits, Rings, Rod Bearings, and Main Bearings With Full Gasket Set $89.90
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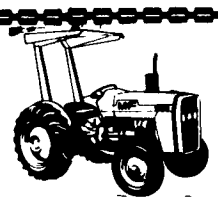

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MF 35 Tractor
MF 40 Diesel Tractor w/Loader
AC D17 Dsl. Tractor
MF 50C Tractor w/Loader & Cab
MF 760 Combine w/Attchs.

NEW M.F. EQUIPMENT

MF 240 Tractor
MF 240 Tractor
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MF 1030 Tractor 4 WD
MF 1020 Tractor w/Turf Tires
MF 1010 Tractor w/218 Mower
MF 1010 Tractor
MF 236 Loader
MF #43 2B Plow
MF 427 No-Till Drill
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades
MF 1018 Mower

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IH 4568 4WD
IH 460 w/3 btm. plow, fast hitch
IH 2444, 4 SP, Hi/Low, 3 PTH, PTO
IH 544 w/loader, 3 pt. hitch, PTO
JD 301A w/sickle bar mower, 3 pt., PTO

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Backhoes
IH 3500
(2) IH 260's to choose from
Case 580 C, '79, Full Cab, Extend-a-Hoe
JD 2010, 93 Series Hoe, Slider w/Thum
Case 580, '69, needs some work

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JD 350 B Loader
IH 150 w/4 in 1 Bucket
JD 2010, New Bottom

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(One Only) JD 2750 MFWD, 75 Horsepower, Hi-Lo Shift, 540/1000 PTO, 18.4x34 8 Ply Rear Tires, No Weights, - Waiver Til 3/1/86- List $32,587 ..... **SALE $25,030**

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(One Only) JD 2800 PLOW, 5 Bottom, 18" Spring Reset, Ga. Wheel, New Implement Tires, Cushion Coulters, Cover Boards- 4/1/86 Waiver - List $12,337.. ..... **SALE $8,865**

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(One Only) JD 1219 MOWER CONDITIONER, 9' w/Hyd. Lift, Center Ga. Shoe - 9/1/86 Waiver - List $10,294 ... **SALE $7,350**

(One Only) JD 606 ROTARY CUTTER, 3 Pt., Heavy Duty 540 PTO w/Slip Clutch - List $1,685 . . **SALE $1,330**

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New Landall 5 Shank Soil Master
JD 1610 Pull Type 11' Chisel Plow
JD 1710A Pull Type 11' Mulch Tiller
JD 2700 6 Bottom Spring Reset Plow
JD 2600 5 Bottom Spring Reset Plow
JD 1010 13' Field Cultivator
JD 900 V-Ripper 7 Standard
JD 27 Flail Shredder

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JD 4630 w/duals $17,000
JD 4430 w/4 Post ..... Coming In
JD 4040 ..... $20,500
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JD 3010 ..... $ 5,500
IH 1486 w/Duals $16,900
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IHC w/Equip. $1,900
JD 2940 ..... $15,000
JD 730 Dsl ..... $ 3,500

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JD 6620 Sidehill w/643 C.H. & JD 215 Flex Head ..... Call for Price
IH 205 Combine w/3R C.H. ..... $ 5,500
68 JD 45 ..... $ 5,000
MF 300 Massey w/heads ..... $ 6,500

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JD 4 Row Cons. w/Liquid ..... $ 7,500
JD 4 Row Consv. Liquid ..... $ 7,500
AC 4 Row 800 ..... $ 1,500
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JD Cons. 7000 6R. Liquid
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IH 720 Harvester w/2 Heads ..... $ 3,500
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NH 469 Mower Conditioner .. .. $ 1,000
Hesston PT10 Mower Conditioner .... $ 1,800
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NI 801 Power Unit, 4WD w/818 Combine & 846N Corn Head, 800 Hrs.
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IH F560D
IH 230 Gas
Farmall C
IH 656 Gas

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IH 56 6-Row Plate
IH 56 4-Row
IH 800 Cyclo, 4 Row
IH 400 4-Row Cyclo
IH 400 6-Row Cyclo
IH 78 Front Cultivator
IH 2-Row Cult. For Farmall C
IH 461 Cult.
White 5400 6-Row
JD Van Brundt Grain Drill

USED TILLAGE EQUIPMENT:

IH 2x14 Plow For Farmall C
IH 9 Tooth Chisel Plow
IH 560 Plow
IH 2x14 Plow, 2 Pt.
IH 45 Vibra Shank
Oliver 13' Disk
Oliver 4F Plow, 14"
IH 350 Disk
Bush Hog 146 Offset Disk
Ford Tandem 19' Disk
IH 35A Disk

USED HARVESTING:

IH 55 Baler (for parts)
IH 115 Mower
IH 420T Baler
IH 420T Baler w/Thrower
IH 720 Harv. w/2-Row Row Crop & 6 Ft. Hay Pickup
IH 830 Harv. w/3-Row Row Crop & 6 Ft. Hay Pickup
IH 350 Harv. w/1-Row Row Crop
IH 34 Hay Conditioner
NI 305 2-R Mounted Corn Picker
NI 402 Rake
2 Row Crop For IH 650 For. Harvester
Gehl FB99 Blower
IH 8 Flail Chopper
NH 33 Flail Chopper
IH 56 Blower
IH 56 Blower
Fox Blower
Badger 1416 Forage Wagon

USED LAWN & GARDEN:

70 Cub Cadet w/42" Mower
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124 Cub Cadet-42" Mwr
127 Cub Cadet-38" Mwr
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Cub Cadet 526 Rotary Tiller
IH 782 Cadet w/44" Mower
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Snapper Comet 41, 40"
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UNI EQUIPMENT

709 Uni Tractor w/Rear Wheel Assist, Fully Wgted
702 (Gas) Uni Tractor
760 Uni Chopper
762 Chopper Head (2 Row)
724 Stripper Head (3 Row Wide)
729 A Sheller
766 Pickup Head
844 N Cornhead
717 Combine

MANURE SPREADERS

NI 213 Manure Spreader
NI 245 Manure Spreader w/End Gate
NI 218 Spreader w/Hyd. Endgate
NI 206 Ground Drive Spreader
Starline 930 L.H. Tank Spreader

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1976 KKS Gleaner Combine w/10 ft Hdr
1974 300 M F Combine w/10 ft
A C 238 (2 Row) Corn Head
M F Qt 24 Corn Head
MF 322 Corn Head (3 Row Wide)

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JD 620 Tractor

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NH 489 Haybine
JD 1219 Haybine
NH 469 Haybine
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NH 320 Baler w/No. 70 Thrower
NH 1010 Automatic Bale Wagon
NH 770 R-2 Chopper Head (2 Row Wide)
NH 880 N-2 Corn Head
890A, 890W, 890-N-3 (3 Row Narrow Chopper Head)
NH Super 23 Forage Blower
NH 27 Forage Blower
NH 717 Super Forage Chopper
NH 890 Forage Harvester
Int. 650 Forage Harvester
Hesston PT10 Haybine
Hesston 1010 Hydroswing Haybine
Int. 430 Baler
Fahr 17 Ft. Hay Tedder
MF #12 Baler w/Thrower
717W Pickup Head
741 1 Row Chopper Head

MISC.

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450 Art-Way Grinder Mixer
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NI 384 Solid Plus Spreader $9,900

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OMC 1000 Skid Loader
Hydra Mac 12 Skid Loader, Rebuilt
White 2-135, excellent
JD 4020
Hough 25B Loader w/52" Bucket
Case 1210
Farmall 350
Farmall C

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Field Queen 7650 4WD 3 Row Head & Pickup
Fox 6200 w/3 Row Head
MF 260 2R & PU
Fox 3310
Fox 2000
Fox SPF Dsl.-Cheap
Fox 2R Snapper Head
Fox Max 1 SP, Cab, 4 Whl., Low Profile Head
NI 702 Uni Gas
NI 705 D., Uni $10,500
NI 767 Harvester
NI 741 Feeder House
NI 713 Flex Head
NI 727 Husking Bed
NI 729A Sheller

USED EQUIPMENT
JD 1440 No-Til
AC 6R No-Til
White 5400 6 Row, no-till
White 543, 4R, No-til
Glenco 27' Field Cultivator
Crustbuster 18' HD Sgl. Fold Disc
AC 2600, 18' Wing Disc
10' Bush Hog Disc
Glenco SS7 Stretch Frame, Like New
Hesston 5500 Rd. Baler
Hesston 4800 Big Square Baler
Hesston 12' Hydro Swing
NH 675 Tandem Spreader
NI 218 Tandem Spreader
NI 212, 213 & 214 Spreaders
Hesston 3-Row Narrow & 3 Row Wide Head
Hesston 4 Row Narrow
Fox 3-Row Belt Head
Fox 2 RN Chain Head
NH 462 Disc Mower
NH 479 Haybine
NI Wheel Rake
Fahr 17' Tedder
Brady, IH 12' Flail Mowers
Smoker bin wagon
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18 4R 38
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(2) Single 4 wheel Rakes
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(3) 3 pt. Disk Mowers
(3) 1210 Round Balers
(1) 8-Wheel V-Rake
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(20) Fertilizer Spreaders
(2) 4-Basket Tedders

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(1) Vermeer 504G, $6,500
(1) Vermeer 6050 Baler
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(1) 9 ft. NI Cutditioner

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MF 283, 8 spd. Tractor, 67 h.p., stand. clear.
MF 250, 8 spd. Tractor, 40 h.p.
MF 283 8 spd. Tractor, row crop
Owatonna 345 Skid Steer Loader

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MF 730 offset disc, demo
MF 165 Tractor
MF 1085 Tractor
1982 MF 245 Tractor
1972 IH 1066 Tractor
1972 IH 1466 Tractor w/duals & cab
1974 IH 1466 Tractor w/cab & air
JD 4020 Tractor
1974 JD 4430 Tractor w/cab
1974 JD 4630 Tractor
MF 440T Snowmobile

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JD 4400 Combine, 13' Grain Head, 36" Row C.H.
JD 4020 Cab
Ford 5000 SOS Dsl.
Ford 4500 TLB
Ford 4500 TLB w/cab
Ford 1100 2WD
8 & 9 N's
AC CA

EQUIPMENT
NH 489 Haybine
NH 315 Baler
JD 24T Baler w/Kicker
NH 717 Harvester
Ford 241 10' Disc Harrow
Ford 11 Tooth Soil Saver
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New TW 20 w/Cab, 4WD, Air
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Used 641, excellent condition

NEW HOLLAND
New L325 Gas L555 D Skid Loaders
New NH 353 & 358 Grinder Mixers
New 34 & 38 Crop Choppers
Used 36 Crop Chopper
New #8 Forage Box

NEW IDEA
New NI 406 Rake
New NI 323 One Row Corn Picker
New NI 3 pt. Hitch Fertz. Spreader

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Used Farmall 350 Utility w/3 Bottom Plow
Used MF 35 Utility w/Loader
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New Glencoe Soil Saver Stretch 7 Shank
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New Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

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JOHN DEERE • NEW HOLLAND • NEW IDEA

Special Discounts On Selected Equipment

- Representatives Will Be On Hand All Day
- *Free Refreshments* • *Door Prizes*
- Informative Films: Shows At 10 AM - 1 PM - 6 PM

OPEN HOUSE SPECIALS ALL WEEK
January 20-25, 1986

Discounts Up To 20% OFF On JD, NH And NI Parts And Accessories

NEW STORE HOURS

Longer In-Season Hours To Serve You Better

Effective:

JANUARY 15 - MARCH 31, 1986	APRIL 1 - OCTOBER 31, 1986
Mon.-Fri. 7 AM - 5 PM	Mon.-Fri. 7 AM - 7 PM
Sat. 7 AM - 12 PM	Sat. 7 AM - 4 PM

NEW HOLLAND · JOHN DEERE · AVCO NEW IDEA

ABC GROFF, INC.
Since 1890
110 Railroad Ave. New Holland, PA 17557

TOLL FREE:
1-800-441-9133
Parts 717-354-4191
Sales 717-354-4731
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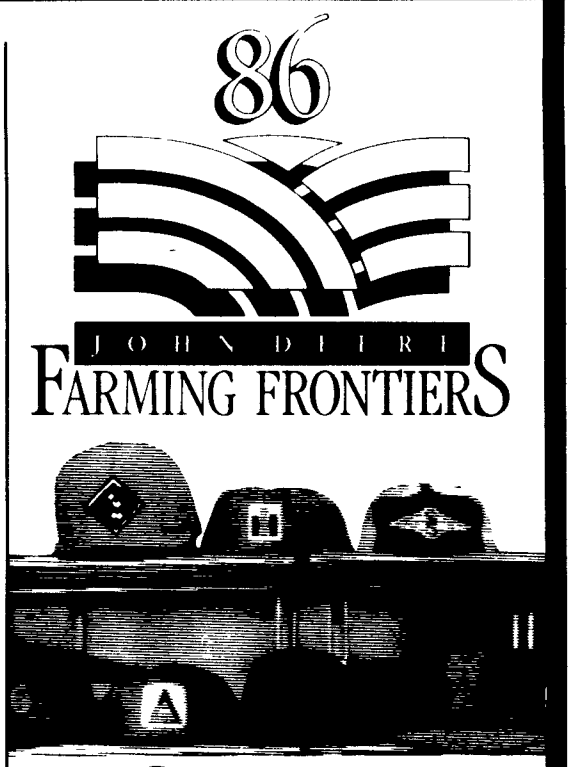


CAPS OF ALL COLORS ARE WELCOME AT OUR JOHN DEERE '86 FARMING FRONTIERS

No matter what color your cap or machinery.. you're invited to our John Deere Farming Frontiers Program. Not only will we show you what's new in machinery for '86 and present educational farm topics, we will offer some food and express our dealership's willingness to serve you

NEW HOLLAND EQUIPMENT OWNERS:
Watch For Our SPECIAL JAN. 25th INSERT In Lancaster Farming!

AC 200 Tractor
AC 185 Dsl.
AC CA Tractor w/ Cultivator
AC D17 Dsl. Tractor
Farmall 300 Tractor
NI 214 & 218 Single Beater Spreader w/Hyd. Endgate
OMC 540 Staker & Mover
Case 10' Pull Type Pt Chisel Plow
NI 838 Husking Unit
NI 729 A Uni Sheller
Used NI 323, 1 R Picker
NI 740 Feeder Housing
NI Model 702 Dsl. Power Unit
737 Uni Husker

ROY H. BUCH INC.
Ephrata
717-859-2441

COVERT & SONS, INC.
Olive Street
Neshanic Station, N.J. 08853
Telephone: 201-369-3666

GOING OUT OF BUSINESS SALE
ALL ITEMS MUST GO

FARM IMPLEMENTS
AW Disc
JD 1450 - 6 Bottom Plow
Bush Hog Disc 18'
4' PTO Mott Mower
JD 213 Grain Platform

USED COMBINES
JD 4400 Diesel

AUTOMOBILES
1978 Coupe Deville

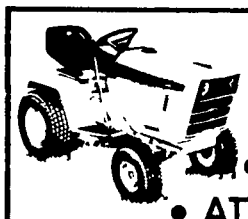
USED TRACTORS
JD 4440 JD 4040

LAWN TRACTORS
JD 110 Tractor

NEW & SHOP WORN
18' Bale King Body
Dynco 8' Snow Plow
K & W Front Blade 6'
G & B Loader
3 Pt. Lgt. Log Splitter
21' CLW Bale Body

ANTIQUE PARTS & PARTS CATALOGS ALSO AVAILABLE

Cub Cadet



• SALES
• SERVICE
• PARTS
• ATTACHMENTS

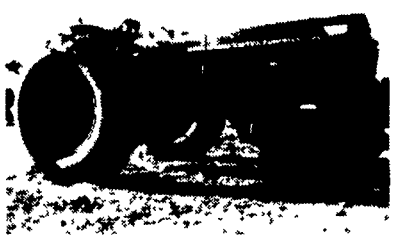
Check Our Prices For WINTER SAVINGS

Bring This Ad For
$100 OFF
Our Sale Price

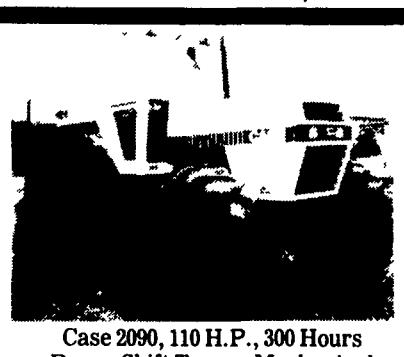
MARTIN HARDWARE & EQUIPMENT CO. INC.
Rt 501 1½ Miles South of Schaefferstown PA
PHONE (717) 949 6817
OPEN Mon Fri 8 8 Wed 8 12 Sat 8 5

SMITH'S IMPLEMENTS, INC.
Rt. 16 West of Mercersburg, PA
717-328-2244
717-328-2226

USED EQUIPMENT
Case 1570 Tractor w/Cab, PS, Inexpensive Horsepower, Drastically Reduced
JD 3960 Harvester w/Controls
Papeac 180 Harvester w/2R C.H., 6' Pickup, 2R Snapper Head
JD 2RW Snapper Head w/Adapter Plate
JD 2RN Snapper Head w/Adapter Plate
Gehl CB600 Harvester w/2R Head & PU, $2,600
JD 7' Pickups for Harvesters
NI Tandem Axle Manure Spreader
MF 410 Combine w/4RW C.H.
JD 35 Harvester for parts
Plus many specials on used planters and other equipment

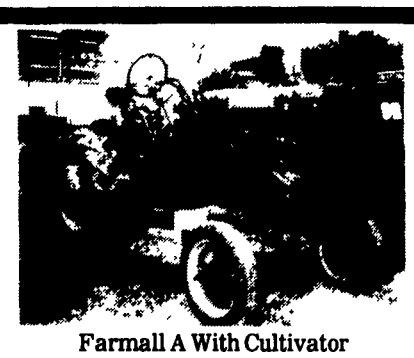


John Deere 2840
Tractor 80 H.P.
$11,500.00

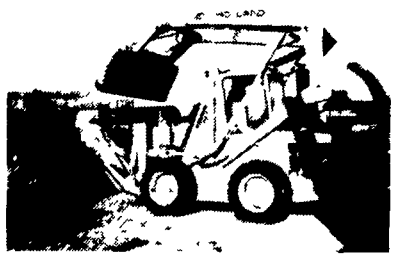


Case 2090, 110 H.P., 300 Hours
Power Shift Trans., Mechanical
Front Wheel Drive
$22,900.00
Waiver of Finance Available Until
Sept. 1, 1986

JD 400 Industrial Tractor Loader
With Reverser
$8,500.00



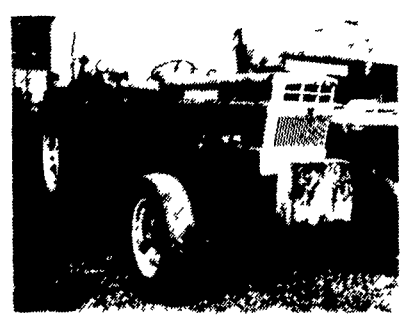
Farmall A With Cultivator
And Woods Belly Mounted
Mower-Just Arrived,
Call For Price



NH L-775 Deutz Diesel 50 H.P.-
394 Hours with New Holland
LB11 Backhoe
$19,500.00

NH L-445 Wisconsin Gas 30 H.P.
$7,500.00

IH 510 Grain Drill
$1,450.00

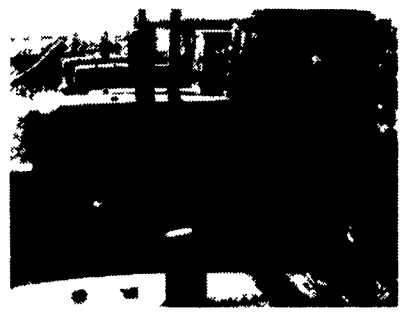


White Oliver 1465 70 H.P.
Diesel 1974
$5,950.00

Hesston 5440 Round Baler
$4,800.00

Vermeer Model 605D Round Baler
* Waiver of Finance Available
(OR)
* 0% Interest Financing for 24 mo.
$3,250.00

Unverferth McCurdy Cultisystem 5000, 21 ft. Soil Finisher, (Wings and Rolling Baskets Not Showing were Removed for Transport)
Used Very Little **$5,500.00**



JD 4640, 160 H.P.
Quad Range
$22,000.00

HARVESTERS & ATTACHMENTS
JD 300 Husker Corn Picker with 2 Row Head $8500 00
Gehl 72 Flail Chopper 6 ft $1500 00
NH 880R2 Corn Head $1200 00
NH 880 Harvester $3450 00
NH 717R2 Corn Head $650 00
NH 707 3 pt Harvester $2050 00
NH 717R2 Corn Head $750 00
NH 822 Corn Head $2200 00
NH 880N3 Corn Head $1250 00
NH 707 3 pt Harvester $1500 00
NH 890 Harvester $4500 00
NH 880 R2 Corn Head $1200 00
JD 3800 w/2R Wide Corn Head
NH 892 Harvester w/New Knives $7000 00
NH 890 Harvester $4000 00
NH 890 N3 Corn Head $3500 00
Ear Corn Chute and Auger for NH 770 Harvester $600 00
NH S717 Harvester $1800 00
NH 822 Corn Head 2 Row $1000 00
NH 770 Harvester with 770 N2 Corn Head $3600 00
NH 770W Hay Pickup $1650 00
JD 38 Harvester w/2 Row Narrow Corn Head $3650 00

RAKES & TEDDERS
NH 256 8½ Ft with Dolly Wheel Used 1 Year $1800 00
Kuhn GRS24 Combination Rake Tedder $1650 00
NH 56 Rake Rubber Teeth $1200 00
NH 256 Rake $1500 00

MOWERS & MOWER CONDITIONERS
Case 475 Mower Conditioners 7 ft $1850 00
NH 489 Haybine 9 ft $4800 00
IH 225 Self Propelled Windrower Conditioner $3200 00
NH 495 Mower Conditioner 12 Ft $5000 00
NH 1469 Self Propelled 9 Ft Ford Gas $6500 00
NH 1469 Self Propelled 9 Ft Wisconsin Gas $6250 00
NH 463 Disk Mower 7'10½ Cut $3995 00
NH 495 Haybine 12 Ft $4200 00
Gehl 880 9 Ft Mower Conditioner $1950 00
JD 1209 Mower Conditioner 9 Ft Late Model w/Non Clog Guards $3600 00
NH 474 Haybine 7 Ft Used 1 Season $6100 00
Mott Flail Mower $1350 00
NH 489 Haybine 9 Ft $5500 00
JD 1380 Pivot Tongue Windrower Conditioner $4500
NH 479 Haybine 9 Ft Reconditioned $2950
Hesston Model 1014 Hydro Swing Windrower Conditioner $3900 00
Owatonna Model 235 12 Ft Swing Tongue Windrower Conditioner $3500 00
NH 489 Haybine 9 Ft $4500 00

FORAGE BLOWERS
NH 25 Blower Like New $2200 00

TILLAGE
Pittsburg 28 Blade Disk Harrow $650 00
IH 12 Ft Field Cultivator Pull Type $1550 00
Brillion 8 Ft Sprocket Packer Demo $1150 00
JD 1250 3 Bottom Plow $1950 00
Oliver 3 Bottom Trip Plow $695 00
JD 210 Disk 12 10 36 Blades w/Cushion Att $3500 00
JD 210 Disk 12 10 36 Blades $3400 00
JD F125 Plow 5 Bottom trip Plow $550 00
JD 50 Box Scraper $450 00
Lely Roterra 15 Ft Field Finishing Tool $1000 00
JD Rear Mounted 4 Row Cultivator RC430 $1000 00

SKID STEER LOADERS
NH L 775 Gas $7500 00
NH L 775 50 HP Diesel $14900 00
Owatonna Mustang 1700 Diesel w/Bucket and Manure Fork $4750 00
Mustang 1700 Diesel w/Manure Fork and Bucket $4750 00
New Holland L 725 Deutz Diesel 50 H P $10500 00

WAGONS & RUNNING GEAR
JD 1075 10 Ton $2000 00
NH 1002 Automatic PTO Bale Wagon $1650 00
NI 206 Forage Box w/NI 633 Running Gear $1100 00

BLADES & LOADERS
Front Blade for 8N Ford $525 00
JD 65 Blade $650 00
Leon 10 Ft Dozer Blade w/Mountings for IH 1086 $2200 00
NI Loader fits 4 Cylinder John Deere Utility Tractor $1250 00
JD 145 Loader $2250 00

SPREADERS
NI 12A Spreader $550 00
IH 550 Spreader $1450 00
NI 218 Spreader $1950 00
NH S676 Spreader $2100 00
Herd 750 Spin Spreader $400 00
Stoltzfus Lime Spreader $3450 00
NH 513 177 Bushel $1850 00
NH 519 217 Bushel 4 years old $2500 00
NI 214 Spreader $1850 00
JD 680 Spreader 400 Bushel $4500 00
NH 679 Spreader 287 Bushel $3650 00

TRACTORS
JD 400 Industrial Tractor Loader $8500 00
JD 4240 Tractor 110 HP Quad Range $18900 00
IH 1086 Tractor 130 HP Excellent 1450 Hours Price Reduced $16,900 00
JD 1520 Gas 45 H P $5500 00
White 2 50 Diesel 47 H P $4500 00
Farmall H Tractor $1250 00
JD 3140 Tractor 80 H P (Same As 2940) With Cab $12000 00
JD 1130 Tractor 45 H P $6,500 00
JD 4230 100 H P w/Sound Guard Body $13250 00
JD 2350 55 H P 1 Year Old $14500 00
JD 4640 160 H P Quad Range Sound Guard Body $22000 00

ELEVATORS
Zimmerman 28 ft $950 00
NH Elevator

BALERS
NH 849 Round Baler auto wrap demo used very little $9500 00
JD 24T Engine Baler $650 00
NH 273 Engine Baler $3850 00
NH 275 Engine Baler $3400 00
NH 269 Baler w/53A Thrower $3200 00
NH 282 Baler w/62 Bale Thrower $3650 00
NH 310 Engine Baler $3450 00
MF 124 Baler w/Thrower $4750 00
NH 272 Engine Baler $2500 00
JD 346 Baler w/30 Ejector $5500 00
NH 850 Round Baler $3650 00
JD 336 Baler PTO Just Arrived
NH 273 Baler w/53A Thrower $3250 00

GRINDER MIXERS
Farmand 810 Grinder Mixer $1500 00
NH 358 125 Bu Hydraulic Scales $9800 00

COMBINES & ATTACHMENTS
NI 702 Uni System Power Unit Gas with/729 Sheller 728 4 Row Corn Head 710 Combine and 711 Grain Head $7500 00
NI 702 Uni System Power Unit Gas with/717 Combine 744 N Corn Head and 713 Flex Grain Head $11500 00
NH 962 N6 6 Row Narrow Corn Head $7500 00
NH 962 N4 4 Row Narrow Corn Head $4600 00

PLANTERS & DRILLS
Cole Dron Mounted Planter $1500 00
JD 246 Corn Planter $325 00
IH 400 Air Planter 6 Row $1850 00
JD 7000 4 Row Conservation with Liquid Fertilizer Attachment $7500 00
JD FBB Grain Drill $850 00
JD 7000 4 Row Narrow w/No Till Coulters $5200 00
JD 7000 4 Row Narrow w/Min Till Coulters $4500 00

NEW IDEA | SPERRY NEW HOLLAND | JOHN DEERE

ABC GROFF, INC.
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110 Railroad Ave New Holland PA 17557

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Sat
OPEN THURS & FRI UNTIL 9 P M

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HUGE SAVINGS WITH JOHN DEERE IRAs

(Inventory Reduction Advantages)

Powertrain productivity that's unmatched in its class

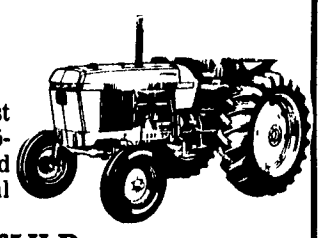
The John Deere 4050 is alone in its class. No other 100-hp tractor can offer anything like our exclusive 15-speed Power Shift.

You never have to clutch to change speeds. You can start up, speed up, slow down...even reverse direction, and never touch the clutch. And every shift is as smooth as it is easy.

MODEL 4050 100 HP
466 Cu. In. w/4 Post Roll-Gard, Power Shift Trans., Dual Remotes, 18.4x38 Radial Tires, Engine Coolant Heater & Front Weights

List Price.....$44,500
SALE PRICE.....$35,600
*** Jan. & Feb. Cash Discount.....-$725**
* In Lieu of Cash Discount, Waiver of Finance Charges Until June 1, 1986
$34,875

Get productive horsepower, features and options in John Deere's 2550 to help you produce more efficiently

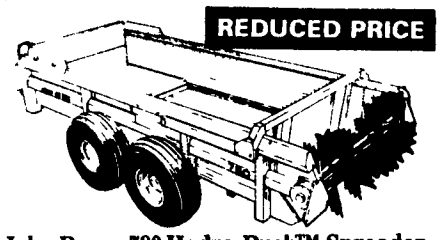


High-torque-reserve horsepower is just the start of more efficiency in the 65-PTO-hp 2550. A long list of standard features make the 2550 a real Efficiency Expert.

MODEL 2550 65 H.P.
w/TSS Hi-Lo Trans., 540/1000 RPM PTO, Single Remote, 23 GPM Hyd. Pump, Row Crop Fenders, 16.9x30 Rear Tires

List Price.....$23,300
SALE PRICE.....$17,800
*** Jan. & Feb. Cash Discount.....-$375**
* In Lieu of Cash Discount, Waiver of Finance Until June 1, 1986
$17,425

REDUCED PRICE



John Deere 780 Hydra-Push™ Spreader holds 370 bushels. Unloads with amazing speed.

The 780 brings 60 percent more capacity to our Hydra-Push spreader line. These are the spreaders with the unique hydraulic unloading system. A moving panel and floor hydraulically move manure to the beaters.

Model 780 Hydra-Push Spreader
370 Bu. Capacity with 540 RPM PTO, Hydraulic Endgate, Front Splash Guard

With Used Truck Tires		With 16.5x16.1 Flotation Tires	
	$8,890		$9,660
Jan. Cash Disc	-300	Jan. Cash Disc	-300
	$8,590		**$9,360**

ANNOUNCING

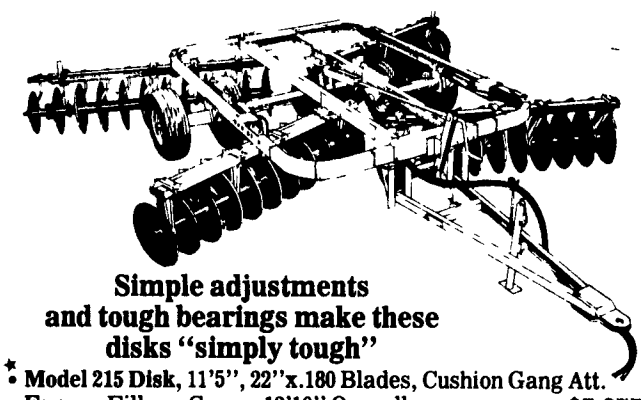
EXTENDED WAIVER OF FINANCE UNTIL NOVEMBER 1, 1986 Or Longer On A Limited Number Of In-Stock Disk Harrows

(Disks listed below without ★ have waiver only until March 1, 1986)

Exclusive DuraCushion™ disk improves disking results in rocks

Special coil-spring standards act like heavy shock absorbers. Individual gang sections flex over rocks.

★ • **Model 215** Dura Cushion Disk, 11'5", w/Furrow Fillers, Covers 12'10" Overall **$6,375**
Until Expiration Of Sales Program



Simple adjustments and tough bearings make these disks "simply tough"

★ • **Model 215 Disk,** 11'5", 22"x.180 Blades, Cushion Gang Att. Furrow Fillers, Covers 12'10" Overall **$5,975**
Until Expiration Of Sales Program

• **Model 115 Disk,** 11'5" w/9' Blade Spacing, 22"x.180 Blades, Furrow Fillers, Cushion Gang, Covers 12'10" Overall **$5,450**
Until Expiration Of Sales Program

• **Model 115 Disk** 10'0" w/9' Blade Spacing, 20"x.180 Blades, Furrow Fillers, Covers 11'5" Overall **$3,725**
Until Expiration Of Sales Program

SPRING-RESET INTEGRAL

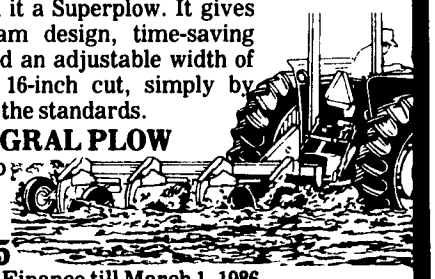
You'll find deluxe "semi-integral" features on this integral plow

Here's the integral plow that's right for your rocky fields. The 1600 Superplow in 3-, 4-, or 5-bottom sizes.

JD 1600 SPRING-RESET PLOW
3 Bottom, 16" Cushion Coulters, Steel Trashboards.
SALE PRICE...
Plus Waiver of Finance till March 1, 1986 **$3,990**

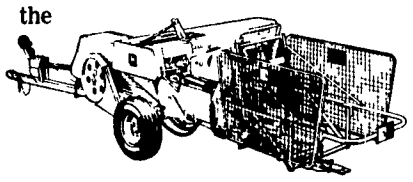
Brawny strength at a mild-mannered price

The 1000 Integral Plow has so many incredible features we call it a Superplow. It gives you a strong single-beam design, time-saving safety-trip standards, and an adjustable width of cut. Choose 12-, 14- or 16-inch cut, simply by moving a shim on each of the standards.



JD 1000 INTEGRAL PLOW
3 Bottom, Safety Trip Standards w/Steel Trashboards
SALE PRICE... $2,375
Plus Waiver of Finance till March 1, 1986

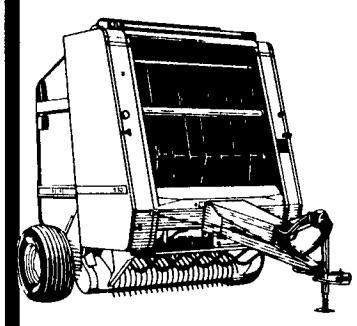
You're on-target with John Deere's reliable hydraulic 40 Bale Ejector



Toss bales easily into a trailing wagon with the reliable hydraulic power of a John Deere 40 Bale Ejector. Adjustable bale ramps let the throwing pan slide under the emerging bale, so the bale is thrown, not flipped. Result — fewer twisted, bent or broken bales.

JOHN DEERE 327 BALER w/40 EJECTOR
Equipped w/Most Popular Options & Extras

List Price...$12,480
SALE PRICE...$9,900
*** January Cash Discount.....-$325**
* In Lieu of Cash Discount, Waiver of Finance Charges Until Sept. 1, 1986
$9,575



John Deere round balers are an automatic one-man haying system

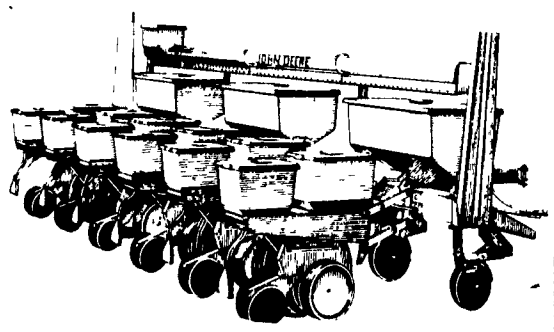
John Deere 430 and 530 Round Balers make it easy to be an expert operator, even for those who have no experience. And the innovative automatic design is the reason why.

The exclusive Bale-Trak monitor provides electronic guidance to help you make perfectly shaped bales, one after another. Simply steer left or right to keep two arrows lined up. No more guesswork.

JD 530 ROUND BALER
w/31x13.50 Tires, Bale Counter & Pickup Gauge Wheel

SALE PRICE....$13,425
*** January Cash Discount.....-425**
* In Lieu of Cash Discount, Waiver of Finance Charges Until Sept. 1, 1986
$13,000

Max-Emerge® planters assure accurate depth and good seed/soil contact



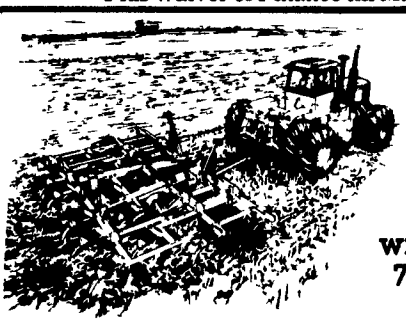
Do a lot of things right and you'll get a good stand at the right population in corn and bean crops. Max-Emerge planters are designed to help you do a lot of things right.

Check out depth-gauging wheels that hug the opener disks, Tru-Vee™ openers that accurately shape the seed trench and angled wheels that firm soil around instead of over the seed.

MODEL 7000 CONSERVATION 6 ROW NARROW CORN PLANTER
w/Corn & Soybean Meters, Monitor, Markers, Heavy Duty Coulters, Dry Fertilizer w/Double Disc Openers, & Insecticide Attachment.

List Price.....$16,950
SALE PRICE.....$14,550
J.D. DISCOUNT.....-1,650
$12,900

PLUS Waiver of Finance Charges Until April 1, 1986



This fall, work right behind the combine with John Deere's 712 Mulch Tiller

Now there's a conservation tool to handle the trash in high-yielding corn fields — the John Deere 712 Mulch Tiller.

JD 712 Mulch Tiller
11 Ft. 3 In. w/20 Inch Coutler Blades, 9 Tru Depth Spring Trip Standards

List Price.....$8,685
Sale Price.....$7,125
Plus - Waiver Of Finance Till March 1, 1986

Double duty

John Deere's forage wagon doubles as a feeder wagon

Get double-duty use out of a 714A or 716A Forage Wagon. Carry silage to livestock as well as from the field.

See the 593-cubic-foot 714A and the 677-cubic-foot 716A today.

MODEL 716A FORAGE WAGON
w/16' Box, 677 Cu. Ft., High Sides, 3 Beaters & Roof **$6,700**

*** January Cash Discount.....-225**
* In Lieu of Cash Discount, Waiver of Finance Charges Until Sept. 1, 1986
$6,475

JOHN DEERE

ABC GROFF, INC.

Since 1890

110 Railroad Ave New Holland PA 17557

CALL TOLL FREE:
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Sales	717-354-4731
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STORE HOURS

Mon., Tues., Wed.	7-5	OPEN
Thurs., Fri.	7-9	THURS. & FRI.
Sat.	7-4	TILL 9 PM

PAGE

Master Charge VISA

EQUIPMENT FOR SALE

TRACTORS: 55 Oliver; Kubota w/loader & mower; Cub w/blade & mower; Farmall C; 200 Farmall, 400 Farmall; VAC Case & more.

PLOWS: 3pt , 1-2-3-4 btm; 2 & 3 btm. roll over; 3 & 5 btm auto reset; Disc harrows 3 pt. & wheel type; Chisel plows 3 pt. & wheel type; 2 & 3 pt. blades; Front & rear mounted blades; Cultipackers; Rakes; Mowers; Loaders; Cultivators; Transplanters; Corn shellers; Spreaders; Hammer mills & Cultimulchers.

Lots of equipment not listed. Call evenings

C.E. KEENER
1531 Manheim Pike, Lancaster
717-898-7446

FOR SALE
USED TANKS

Many sizes from 500-20,000 gallons.

Ideal for holding tanks, grain storage, culvert pipe, etc.

We can cut in openings & fittings to your needs.

Also a large supply of tanks w/Dome heads for vacuum/pressure use.

Trucking Available
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SUPER SPECIAL OF THE WEEK

AC 6080
2 WD
w/ROPS

USED EQUIPMENT

AC 7000 w/Cab
XT 190D AC Tractor, Real Nice
Used NI 737 Husking Bed attach.
NI 702 Uni Harvester With 717 Combine Head
Vicon RC 330 Rake Tedder - Like New
NH Model 90 Bale Handler
AC 4 bottom SC plow
JD 6 Bottom Reset Plow
AC 333 4 Row Corn Planter
Papec Harvester w/Both Heads
LKS Combine w/Grain And 630 Corn Head

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Quality Used Equipment

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• TRACTORS
IH H Farmall
JD 2350 w/Loader, 68 hrs SOLD
JD 2020 Dsl.
IH 1466, No Cab, Duals
JD 4430 Cab, PS, Sharp
JD 4430 QR, Cab
Deutz DX110 Cab w/Air
AC 5040 Dsl., 800 hrs.

• COMBINES
JD 15' Rigid Platform
JD 7720, 680 hrs., 643 C.H., 20' Flex Platform
JD 7700 Rotary Screen, Hydro, 643, 15' Grain Head
JD 643 Corn Head, Low Side

• PLANTING EQUIPMENT
JD 1240 4R Double Disc
Oliver Drill 13x7
AC 330 4 Row Planter
JD 7000, 6R, No-til, Dry Fert.
JD 7000 4 RN No-till
JD 1440 4 Row No-till
JD 1240 Plateless w/Fert.
AC 333 No-till

• TILLAGE
JD F145, 4-16 Semi Mtd. Plow, like new
Ford Disc 24'
JD 310, 14' Disc
Brillion 15' Roller Harrow
IH 21' 3 pt. Field Cultivator
Chatanooga 17' Packer
Dunham 14' Packer w/Transport, Solid Wheel
(2) Brillion 3½' Packer Wings, Solid Wheel

• HAY & FORAGE
JD 3800 Forage Harvester w/2 row Wide Corn Head

• MISCELLANEOUS
6' Rear Scraper
8' Rear Scraper
Woods 15' Rotary Cutter
JD 509 5' Rotary Cutter
Woods 6' Rotary Mower

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Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow **$5275**
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Spring Loader 32" Shanks **$1695**
Dunham 8' & 10' Cultipackers ..... **Special Prices**

USED EQUIPMENT

NH 268 Baler
NH 310 Baler
(2) NH 315 SS Baler Exc.
NH 276 SS Baler
NH 28 Blower
NH 717 N2 Corn Head
NH 489 Haybine - excellent
Butler Oswalt 1830 Ensilmixer
Elect Controls for a 770 Harvester
IH 56 Blower
Case 4B Plow
NH 717 Harvester
NH 519 Spreader Hyd Endgate
NH 679 Spreader w/Hyd End Gate & Top Beater
Brillion 12 ft. Field Cultivator
NH 770 Harvester w/Electric Control, 2 Row Head and Corn Head.
NH 24 Ft. Elevator
NH 36ft Elevator

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USED EQUIPMENT

Int 674 Tractor
Farmall 340 Trac
White 2-135 Tractor
Haybuster 1068 No-till Drill
White 281 10' Offset Disc Harrow
JD 5 Bot 18" Plow
JD 3 Bottom 14" Plow
NI 900 4 Row Planter
Holland 3R Transplanter
MF 3B 14" Mtd Plow
Ford 2 Row Cultivator
Hesston 1014 Windrower
MF 82 Combine
White 7300 Combine
Fox 728 2R Corn Head
Bush Hog 126 Rotary Cutter
Woods C80 Rotary Cutter
NH 512 Manure Spreader
UFT Fert Spreader, 1T
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Better Bilt 1100 Gal Liquid Spreader
Ford 501 Mower
Danco Rear Unload Forage Box
Ford 120 Lawn & Garden Tractor

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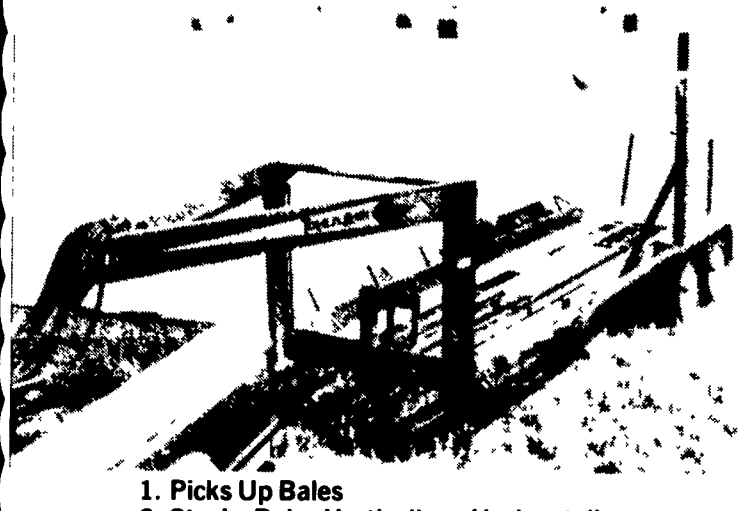

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4 Used Forage Boxes ..... **$375 to $875**
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MF 165 Diesel Low Wheeler's and Low Hrs.
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H & S 295 Bu. Manure Spreader, New **$5,000**
H & S 220 Bu. Manure Spreader, New **$3,600**

Free Hesston or Vicon Belt Buckle with Any Purchase Listed

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USED EQUIPMENT

TRACTORS

*4066 IH 1066
5927 IH 966
5926 IH 1256
*5835 IH 986
3335 JD 8630
*5784 JD 4630 w/Cab, Duals

COMBINES

*4074 MF 750
*4058 AC N6
*4090 NH 1500
*3866 NH 1400
*3058 JD 7700 w/Chopper
*3784 IH 1440
*3775 IH 1460
*3862 IH 915
*3963 IH 915

MISC. EQUIPMENT

4031 NI 212 Manure Spreader
3861 IH 1250 Grinder Mixer
5487 NH 280 Baler
3561 NH 495 Haybine
3111 Agrotec 400 Gal. 30' Sprayer
3818 NH519 Manure Spreader
3837 NI 245 Manure Spreader
3900 John Blue 1000 Gal. Sprayer

TILLAGE

6103 Sunflower HB Chisel Plow 27'
5277 IH 55 Chisel Plow
*4093 IH 710 Plow, 7x16
*3840 IH 560 Plow
*3841 IH 540 Plow
5868 IH 370 Disc 12'
3799 IH 470 Disc 14'
3805 Brillion 21' Crowfoot Packer
5615 Brillion SC-01 Filed Cultivator, 20'
3607 Brillion 32'8" Crawfoot Packer
3661 Brillion Field Cultivator, 29 shanks
4099 Krause 1966 Disc 31'
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
5561 JD 210 Disc 13'
3453 JD 5 Bot. Plow
5419 JD 22 Shank Chisel Plow
6247 J.D. 310 Disc
5121 Dunham Lehr 29' Crowfoot Packer
5534 Glencoe Soil Finisher, 20'
3301 Wilrich Field Cultivator, 37'
4092 Miller 20' Offset Disc

PLANTING EQUIPMENT

3285 Tye No-Till Drill, 20'
5713 IH 510 Drill
2763 IH 620 Tandem Full Press Drill
5786 IH 510 Drill
5765 JD 246B Drill

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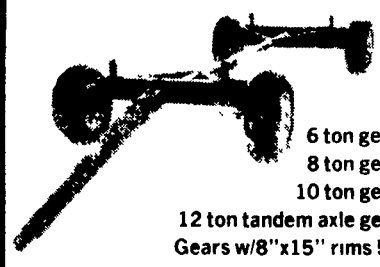

6 ton gear $390
8 ton gear $440
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12 ton tandem axle gear $900
Gears w/8"x15" rims 5' tongue
5'-7' Adj Tongue $30; 11L Tires w/Tube $50

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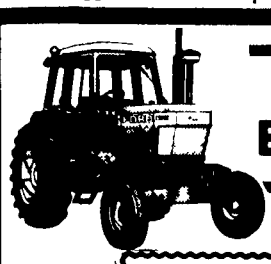

Next Week
IH 5088, 1,000 hrs.
Pink Slip 1466 Cab, Air
JD 6620 Side Hill Combine

SOLD

Ford 7600 w/Cab
Ford 7000 Dsl, 8SP, High Platform
JD 530
Farmall 1466 Black Stripe, Cab & Air
JD 4840 Loader
MF 1155 Cab, Air, Fire Damage Under Dash
Uni 705 Dsl w/1800 hrs
JD 4400 SOLD y Screen
JD 4400 Gas Rotary Screen Combine
Gleaner K w/2 Heads

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JD 4440 Sharp
JD 5020 New Engine
JD 2840 Solid
JD 2510 Gas
MF 2705 w/Duals
JD 950 w/Loader
JD 7000 Corn Planter
JD 400 Rotary Hoe

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USED FARM & LAWN EQUIPMENT

JD 2040 Tractor, 700 hrs.
JD 24T Baler w/Thrower
JD 709 3 Pt. Rotary Cutter, 7'
JD 709 Pull Type Rotary Cutter, 7'
JD 10' Chisel Plow, 3 Pt. Hitch
Two JD F355H 7 btm. Power Reset Plows, 1 Good & 1 For Parts
Bazooka 56'6" Transport Auger
Bazooka 48'8" Transport Auger
Zimmerman 10" 54' Transport Auger
JD AT40 4R Front Mount Cultivator
JD 400 L&G Tractor w/60" Mower
Loader For JD 317 Tractor
JD 423 Front Blade For 850, 950 & 1050 Tractors
Meyers 90" Front Blade to Fit JD Utility Tractor

Special Close Out Prices On The Following New Equipment
Bush Hog 3 pt. Rotary Cutter, 5' & 6'
Shaver HD8 3 pt. post driver
Good Selection Of Used Lawn And Garden Tractors In Stock

JANUARY SPECIALS

Woods 0121, 10' Offset Rotary Mower	$3,295
JD 1450 4WD Tractor	Call For Price
JD 650 4WD Tractor	$5,995

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508 4/5 Bot. Plow
598 5/6 Bot. Plow
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11' 6 Rake & Tedder
17' Pull Type Tedder
GEHL-
BU960 For. Box
FB 1580 Blower
MC 2160 Mower Conditioner
RM 1460 Round Baler
4510 Skid Steer Loader
BEHLEN-
Model FL-10, 611 bu. Corn Crib

NEW IDEA

FARM EQUIPMENT
NEW IDEA-
353 Spreader
272 Cutditioner
279 Cutditioner

USED EQUIPMENT
No. 702 Uni System w/Cornpicker
479 NH Haybine
Farmall M Tractor
No. 218 Manure Spreader
Woods 6 ft. Rotary Mower
NI 270 Cutditioner
Gehl 910 Forage Box
Danco Forage Box w/Roof and Running Gear

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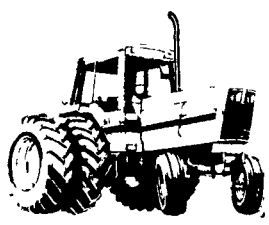

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TRACTORS

1981 JD 4840, 1180 hrs., fact. cab & air, 20.8x38 radials
1981 JD 4240, 1702 hrs., fact. cab & air
1979 JD 4240, fact. cab & air Quad range
1979 JD 4240, fact cab & air, power shift
JD 4430, powershift, fact. cab & air, very nice
JD 4430, no cab, syncro range, clean tractor.
JD 4230 fact. cab & air, very nice
JD 4230 w/fact. cab & air, quad range
JD 4030, 4 post, QR
2 JD 4020 Diesel, dual hyd., WF, side console
JD 4020 Dsl., dual hyd, WF
JD 2940, 605 hrs., like new
JD 2940, 1980 model, fully equipped very nice
JD 2640 w/Hi-Lo, dual hyd. with JD 146 loader
JD 2440 38" rubber, canapy, dual hyd. 1300 orig. hrs., very nice
JD 3020, Dsl. side console, WF, nice
JD 3020 D, PS, WF, dual hyd., recent engine overhaul
JD 2510 Gas
IH 1086, fact. cab & air, red cloth seat tractor
IH 1086, fact. cab & air, radial tires
IH 1466 Fa SOLD dual PTO & hyd.
IH 1466 Fender Tractor
IH 9(SOLD WF
IH 1456 w/cab
IH 1456 fender tractor
IH 1256 w/complete engine overhaul
IH 1206 w/new T.A. & cab
IH 1206 No TA, 3100 orig. hrs. Adjustable WF 3 pt. dual hyd.
IH 826, WF, 3pt, 38" rubber, turbo
IH 806 Dsl. cab & air, 18.4x38 radials w/56 Series shift, very nice.
IH 856 Dsl. WF, fast hitch new TA
IH 756 Dsl. 3 pt. WF, very nice
IH 666 Dsl. gear drive, WF, dual hyd.
IH 666 Dsl. Hydro w/cab & air, one owner
IH 784 Diesel, row crop, dual PTO, 38" rubber, low hours
IH 706 Diesel, clean tractor
IH 656 Diesel, fast hitch WF, dual hyd.
Farmall M
Farmall 350 w/fast hitch, PS, wide or narrow frt.
Farmall H
Farmall 240 gas utility

HARVESTING EQUIPMENT

K Gleaner w/10' Floating cutter bar. Local 1-owner.
(1) NI 705 GMC V6 diesel cab, variable speed
NI 701 Inline 6 cyl., gas, variable speed, cab
NI 717 Combine, nice
NI 713 Grain Head
(2) NI 737 Huskers
NI 741 Quicktach Throat
NI 740 QuickTach Throat
NI 768 3R WN Chopperhead
NI 725 3RN corn head w/stripper bars
NI 767 Super Chopper w/electric knife sharpener
(2) NI 729A shellers
JD 443 4R Narrow Corn Head very good condition

IMPLEMENTS

Taylorway 10 tooth chisel plow 3 pt. mounted
Athens 10 tooth chisel plow 3 pt. mounted
IH 55 pull type chisel
JD 10' & 14' Disc's
IH 470 Wing Fold Disc 16'
IH 5x16 Plow
JD 220 Disc, 21' very good cond.

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Dual wheels - 34's and 38's
Year round Cabs to fit IH 544 to 686, like new
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NI 702 D
NI 727 Husking bed
IH 706 Gas Tractor

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IH 584 Diesel, Gear, PTO (W1418)
Case 885 Diesel, Gear, 13.6x28 Tires (W1410)
MF 175 Diesel, Gear w/Multi-Power, PTO (W1238)
Versatile 160 w/Loader, Diesel, Hydro, 13.6x24 Tires, PTO, AC (W1364) ~~$22,500~~ $19,500
Steiger Tiger-Turbo w/3 Pt. Quick Attach, AC, Gear, 13.5Lx32 Tires (W1372)
Deutz DX-160 Diesel, Cab w/Air, 18.4x38 Duals (W9694) ~~$25,000~~ $18,900 Save $6,100
IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316) ~~$12,500~~ $11,700 Save $800
IH Farmall A w/Cultivators, Rear Wheel Weights 9x24 Tires (W1143)
IH F1206 Diesel, Gear, 20.8x38 Tires, 120 HP, Cheap-Dependable Power (W8934) ~~$9,000~~ $7,000 Save $2,000
Deere 4840D, Powershift, 20.8x38 Duals, 1000 RPM PTO, Cab w/Air & Radio (W1180) ~~$28,000~~ $26,500 Save $1,500
IH F560 Diesel, Gear, 2 Point Hitch, Wide Front (W9623) ~~$4,000~~ $3,200 Save $800
IH Farmall H, Clean Tractor (W9625) ~~$1,200~~ $1,025 Save $175
Ford CL-20 Skid Loader, Gas 8.50x15 Tires, 45" Bucket (W1183)
IH F1206D, New 18.4x38, Dual PTO, Extra Sharp Tractor (W9690) ~~$8,500~~ $7,500 Save $1,000
IH F1066D Hydro, 20.8x38 8 Ply Tires, Dual PTO (W1045) ~~$12,200~~ $10,500 Save $1,700
IH 3388 2+2 Tractor, 16.9x38 8 Ply Tires, Dual PTO, Full 4-Wheel Drive (W1109) ~~$24,500~~ $22,500 Save $2,000
IH F1566D Gear, Cab w/Air, 20.8x38 Duals, 165 HP, Cheap Power (W9921) ~~$14,000~~ $13,900 Save $900
IH F1466D Gear, 145 HP, 24.5x32 10P Tires, Aux. Fuel Tank, (W9236) ~~$14,800~~ $12,900 Save $1,900
IH F826D Hydro, COMPLETELY RECONDITIONED, 18.4x34 Tires, Dual PTO (W9743) ~~$10,500~~ $9,200 Save $1,300
IH F656 Gas, Gear, 3 Point, TA, PTO, (W9194) ~~$6,500~~ $4,900 Save $1,000
IH F1066D, ROPS, 20.8x38 8P Tires, Dual PTO, T/A, 145 HP, Excellent Tractor (W8729) ~~$17,500~~ $15,200 Save $2,300
IH Farmall 200 Gas, 11.2x36 Tires, Fast Hitch, PTO
IH Farmall Super C w/Cultivator, 2 Row (W8569) ~~$1,500~~ $1,250 Save $250
MF 35 Gas, 13.6x28 Tires, PTO, Heavy Loader w/Down Pressure. (W1093) ~~$5,400~~ $4,300 Save $1,100
Steiger ST 300 Cougar III, Cat 3306 @ 300 HP, 30.5Lx32 Tires, Cab w/Air (W1273) ~~$27,500~~

OTHER USED EQUIPMENT

Bush Hog 12' Disk, 9" Spacing, 18" Front & 19" Rear (T9647)
IH 550 Plow, 5f, 14" Spring Trip, (T9657)
IH 710 Plow, 3F, 16, Auto Reset, Semi-Mount (T9916)
IH 540 Plow, FF, 16" Spring Trip (T9725)
Athens Model 156 Chisel Plow, 3 Point, 7', Depth-Gauge Wheels (T1284)
IH 55 Chisel Plow, 13' Mounted, 3 Rank, 32" Shanks, Gauge Wheels (T9694)
IH 510 15x7, Grain Drill w/Fertilizer, DD Openers (V9905)
Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)
IH 540 Manure Spreader, 160 Bushel, Hydraulic Endgate, 8.25x20 Tires (V9769)
IH 595 Spreader, Hyd. Endgate, Dual Web, Upper Beater. Consignment (V9630)
IH 7' Cycle-Bar Mower, 2 Pt. Hitch (U1305)
Deere 110 Disc, 10' 9" Spacing (T8034)
Bush Hog Disc - 10' 9" Disc Spacing - Front, 7½ Rear, (T9109)
Brillion STT-01 Spring Harrow - 16' (T9185)

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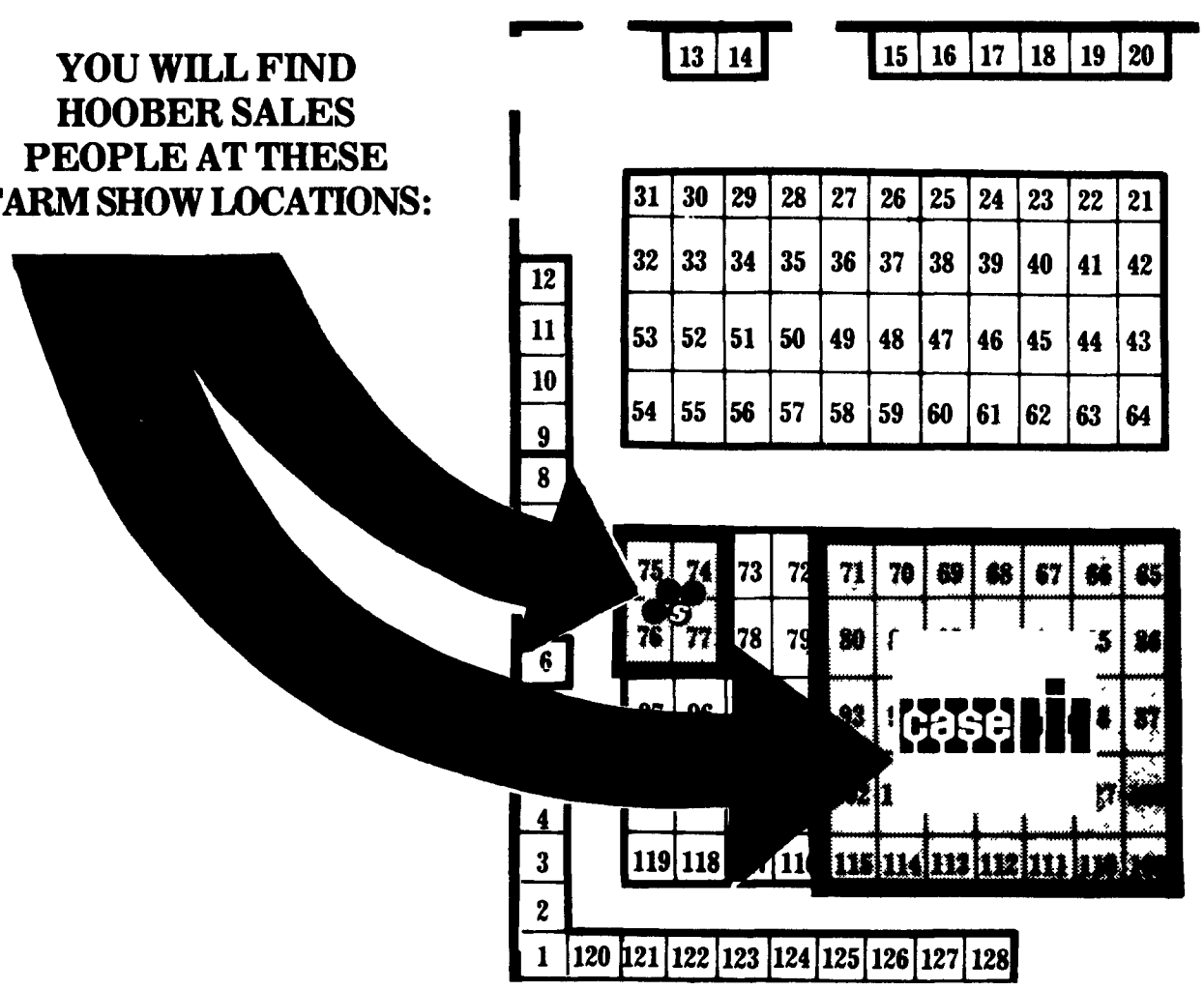

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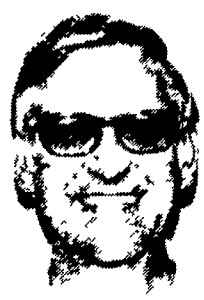
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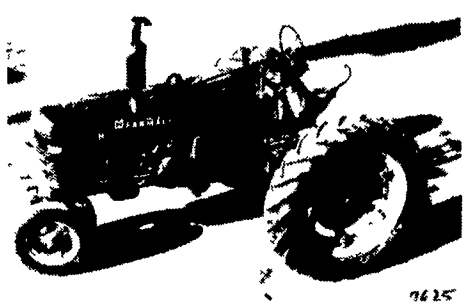
PRICES REDUCED

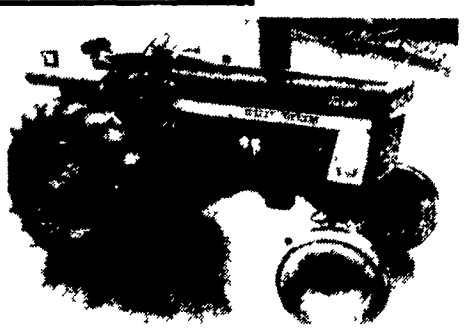
Sale Ends January 18th

USED TRACTORS



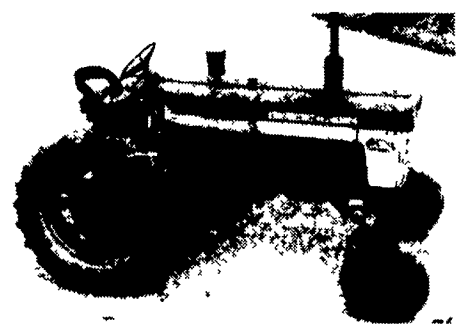
IH Farmall H, Clean Tractor (W9625) ~~$1,200~~ $1,025 **Save $175**

Deutz DX-160 Diesel, Cab w/Air, 18.4x38 Duals (W9694) ~~$25,000~~ ~~$18,900~~ **Save $6,100**

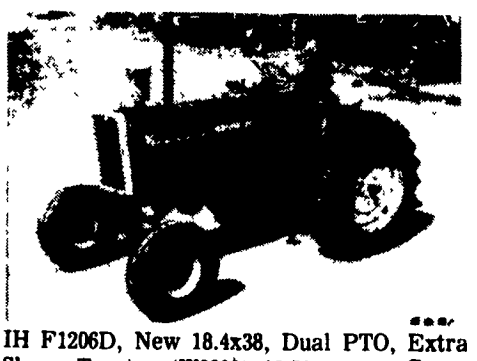


IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316) ~~$12,500~~ $11,700 **Save $800**

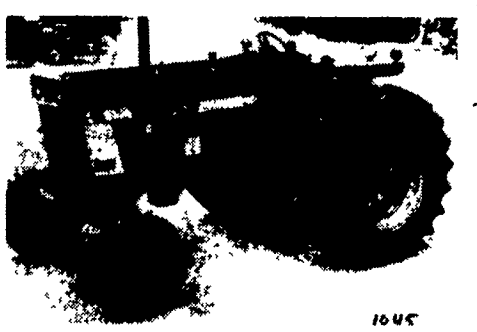
IH Farmall A w/Cultivators, Rear Wheel Weights 9x24 Tires (W1143) ~~$2,300~~ $1,875 **Save $425**



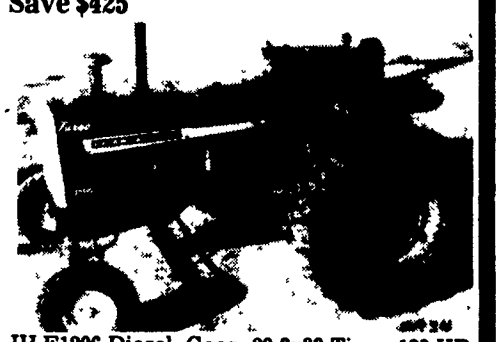
IH F560 Diesel, Gear, 2 Point Hitch, Wide Front (W9263) ~~$4,000~~ $3,200 **Save $800**



IH F1206D, New 18.4x38, Dual PTO, Extra Sharp Tractor (W9890) ~~$8,500~~ $7,500 **Save $1,000**



IH F1066D Hydro, 20.89x38 8 Ply Tires, Dual PTO (W1045) ~~$12,200~~ ~~$10,500~~ **Save $1,700**



IH F1206 Diesel, Gear, 20.8x38 Tires, 120 HP, Cheap-Dependable Power (W8934) ~~$9,000~~ $7,000 **Save $2,000**

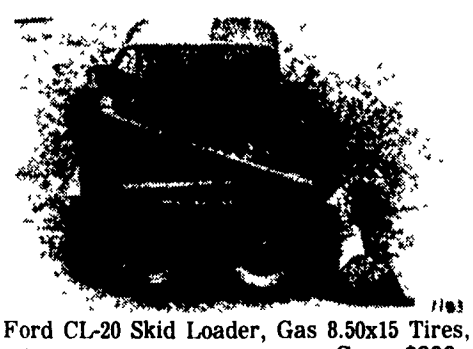
USED DISKS & MISCELLANEOUS

Deere 4840D, Powershift, 20.8x38 Duals, 1000 RPM PTO, Cab w/Air & Radio (W1180) ~~$28,000~~ $26,500 **Save $1,500**

IH 540 Manure Spreader, 160 Bushel, Hydraulic Endgate, 8.25x20 Tires (V9769) ~~$3,800~~ $2,850 **Save $950**

Deere 7000 Plate Planter, 4 Row Liquid Fertilizer w/Demo Metering Pump (V8298) ~~$5,500~~ $3,500 **Save $2,000**

IH 400 Cyclo Planter, 8 Row, Dry Fertilizer, Insecticide, No-Til, 30" Rows (V9947) ~~$3,200~~ $2,500 **Save $700**

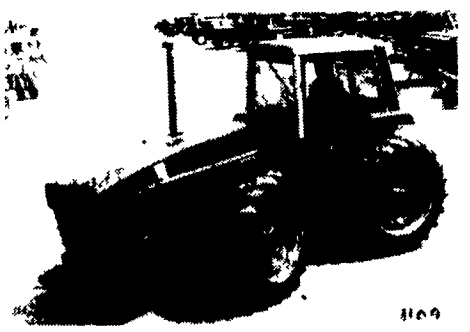


Ford CL-20 Skid Loader, Gas 8.50x15 Tires, 45" Bucket (W1183) ~~$5,000~~ $4,200 **Save $800**

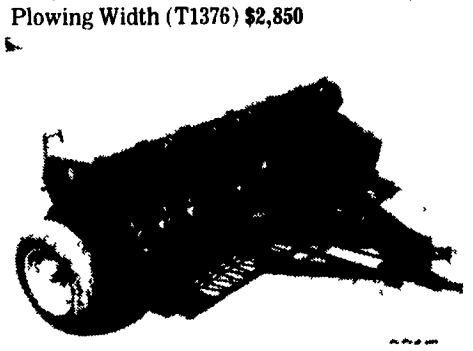
Case 9 Shank Coulter Chisel Plow, 12' Plowing Width (T1376) $2,850

Bushhog Disc 10'9" Disc Spacing - Front, 7½ - Rear (T9109) ~~$2,150~~ $1,400 **Save $750**

Deere 110 Disc, 10'9" Spacing (T8034) ~~$2,500~~ $1,575 **Save $925**



IH 3388 2+2 Tractor, 16.9x38 8 Ply Tires, Dual PTO, Full 4-Wheel Drive (W1109) ~~$24,500~~ $22,500 **Save $2,000**



IH 510 18x7, Grain Drill w/Fertilizer, DD Openers (V9905) ~~$3,800~~ $3,100 **Save $700**

IH 710 Plow, 6F, 16" Automatic Reset, In-furrow (T7892) ~~$2,800~~ $2,100 **Save $700**

Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922) ~~$4,000~~ $3,500 **Save $500**

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JOHN DEERE TRACTORS

A w/Widefront	$1500
3010 Gas-Try	$2700
730 Gas-Try	$2900
R-New Paint	$2900
730D-Try-3 pt.-Direct Ele.	$3200
420-WF-3 pt.	$3400
2020-Poor	$3800
730 Diesel-Try-3 pt.	$3900
435 Diesel-WF-3 pt.	$3900
730 Diesel-WF-3 pt.	$4500
JD 301-WF-3 pt.-1971-RCP	$4800
JD 2010 w/Loader	$4900
4020D-Diff.-1967-As Is	$5400
3020 Gas-Console-WF	$5900
3020 Diesel-WF	$5900
3020 Diesel-WF-3 pt.-Rollbar-Syncro	$5900
JD 301 w/Mower-Clean	$5900
5020	$5900
2520-D-WF	$6900
3020 Diesel-WF-3 pt.-Side Console	$6900
4020-Very Nice-RCP	$7500
3020 D-SC-PS-DIFF, WF	$7900
5020-Duals	$7900
5020-Cab	$7900
4230-4 WD-Cab-Quad	$15,500

MASSEY FERGUSON TRACTORS

30-WF-3 pt.	$2400
35 Gas-WF-3 pt.	$3400
MF 165 Gas-WF-3 pt.	$3900
265-Needs Redone	$4500
65 Utility Diesel-Rebuilt Multi Power.	$4600
50-GAS-RCP-Sharp	$4800
165 Diesel-Nice	$5400
135 w/ldr.	$5900
2135 w/ldr.	$5900
1080D-1969	$5900
1130-Diesel-WF-3 pt.-RCP	$5900
150-Sharp-RCP	$5900
1150-Cab-Duals	$8900
40B w/ldr.-RCP	$9500

FARMALL TRACTORS

H-Fenders-Clean	$1500
460-Gas-Try	$1900
Super A w/Cult.	$2200
404	$2400
(2) 560 Gas Each	$2400
Super C w/Cult-Sharp-Sharp	$2600
404 w/Mower	$2900
Super AV w/Cultivator-RCP	$2900
560-D-WF-FH	$3500
350 Utility w/Rotary Mower-RCP	$3600
460 w/Loader-Utility-Gas	$3900
140 w/Woods Rotary Mower-RCP	$3900
560D-Clean-Wide Front-FH	$4500
826	$4900
1066-Rough	$4900
374-Cab-Clean	$4900
424 w/ldr.-RCP	$5900
544 w/Ind. Rotary Mower-RCP	$5900
574-Cab-1975-4300 Hours-Nice	$5900
656D-Hydro-Clean	$6500
574-Cab-1977-Nice	$6500
966-WF-3 Pt.	$6500
574-Cab	$6700
756-D-WF-Nice	$6900
784-Cab-3500 Hours-1978	$6900
684-Cab-1980-Nice-2300 Hrs.	$7900
584 Diesel-1980-1100 Hours	$8900
784-4 WD-Cab-Nice-1979-2700 Hrs.	$9900

OLIVER & WHITE TRACTORS

1850 Diesel-Rough	$2900
Super 55	$2900
1265	$3500
1650 Gas-New Tires	$4500
1950T	$4900
1800-Cab-Nice	$4900
1850 Diesel	$5900
4-180 Duals, Cab, 3 pt. PTO-1977 Air-1800 Hours	$14,900

CASE TRACTORS

350 w/Loader-3 Pt. PS	$2900
1070 w/Cab-As Is	$4500
2670-Cab-Duals-3 pt.-PTO	$9900

IMT, LONG & KUBOTA TRACTORS

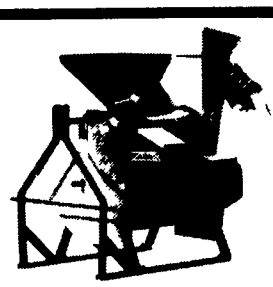
Long 460-1978-As Is	$2500
Kubota B6000 w/Mower	$2600
Kubota L175	$3200
Kubota L175 w/Mower	$3800
Kubota B7100 w/ldr.-4WD	$4800
Kubota B7000-4WD-Rotovator	$4800
Kubota L275	$4900
Kubota L185-Nice w/Mower	$5600
Long 610-Hi-Clear	$6900
IMT 539-New	$6995
360 4 WD-New-Was $13,690	$9873
460 4 WD-New-Was $15,373	$11,119

FORD TRACTORS

2000 Dextra Diesel	$1900
6000D-Wide Front	$2000
800 w/ldr.	$4500
8000	$5800
4400 w/ldr.-Forks	$5900
3000-Gas-PS-Nice	$5900
2000 w/Mower-CLEAN	$6500
8000D-Weights-38" Rubber	$6500
3400 w/ldr.	$6900
4400 w/ldr.	$6900
(2) 6600-Cab-1977-Dual Power Each	$6900
6600-Cab-1977	$6900
(2) 3550 w/ldr.-RCP Choice	$7900
8400 w/ldr.-RCP	$7900
6600D-Flat Deck-1976	$7900
4600D-1981	$7900
8000D-Cab-Duals-Wts.	$7900
6500 w/ldr.	$10,500
445 w/ldr.	$10,900

ALLIS CHALMERS TRACTORS

AC WD45	$1000
ED40	$1900
D19 Diesel-has Loader	$2800
185	$4900
7000-Is-Cab-Poor	$4900
7050-Cab-Poor	$4900
200-No Cab-Nice	$6900
220-Very Nice	$6900
185-Wts.-Very Nice	$8500
185 Cab-Air-1978-2200 Hours	$9900



NEW CORNSHELLERS 3 Pt. & Pull Type

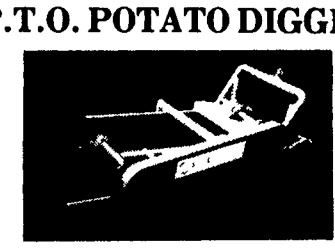
- 3 Pt. Economy $795
- 3 Pt. Standard $1395
- 3 Pt. Deluxe $1695
- Pull Type . . . Add $100

25 Coming End of February-Order Now, Don't Be Disappointed By Waiting Too Long

NEW 3 PT. 1 ROW P.T.O. POTATO DIGGERS

Complete w/P.T.O. Shaft, Side Cutters, Adj. Rubber Gauge Wheels.
36 Arriving In March

$1,295



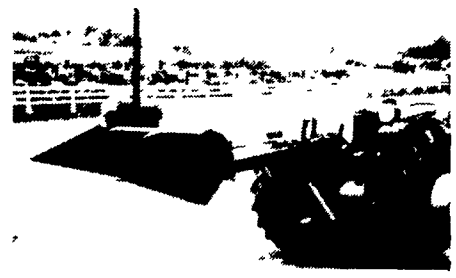
Pictured Is Standard Model

SITREX 3 PT. WOOD SAWS

ON STOCK NOW

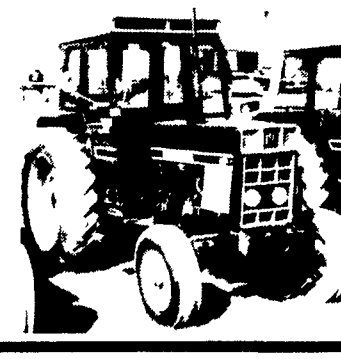
$399 SETUP

Compare At **$895**



New 3 Pt. Loader w/ Snow or Dirt Bucket ONLY $695

IH 684 1980, 2300 Hrs., TA, Clean $7,900



CONSTRUCTION EQUIPMENT

NEW 1985 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft **$1,600**

DOZERS

JD 2010	$4900
Case 310	$4900
Case 750	$4900
IH TD6-62 Series	$5400
IH 500 w/3 pt	$5900
AC HD4-6 Way	$8700
(2) AC 653-6 Way-Each	$8900
JD 350B	$9800
JD 450	$9800
Case 350 6 Way	$9800
Cat D4D	$10,800
JD 350C-6 Way	$12,800
Case 350B 6 Way-1979	$15,900

FORKLIFTS

4000 lb., Solid Tires, Side Shift	$1200
3 pt. Attach-NEW	$2500
MF 205-RT.	$4900
Erickson 5000 lb -RT	$4900
Clark 8000 lb.-RT	$5900
Datsun 9000 lb	$6900
Hyster 10 Ton	$9900
MF 2200-21'	$10,500
IH 4500-CAB	$14,500
Sanderson SB70	$18,500

LOG SKIDDERS

Ford Log Hog	$3700
Athey As Is	$5900
Franklin 130B	$5900
IH S7C	$7500
JD 640 w/Grapple	$18,900
JD 440C-1978	$19,800
JD 640	$24,900

RUBBER TIRED LOADERS

Hough H25	$1900
MF 356	$2500
Little Dipper	$2500
Michigan 55	$3500
Hough 30R	$5500
Trojan 164 Diesel	$5500
Case W9D	$6500
Michigan 55 GM	$8500
Trojan 264-GM	$8500
Terex 72/31-1972	$15,800
Fiat 645B 1973	$22,900
Case W26B 1975	$23,900
Ford A62 1978	$23,900
Ford A64 1978	$25,900
Cat 920-1978	$29 500

TRAILERS

1973-5 Ton	$1200
1985 2X 4 Ton	$1600
Used 10 Ton	$2500
24' Gooseneck	$4400
1985 3X 9 Ton	$4500
32' Gooseneck-3 Axle	$4900
15 Ton Lowboy	$4900
1986-12 Ton	$6800
1978-25 Ton Fold Gooseneck	$19,500

CRAWLER LOADERS

Case 310	$2500
AC H3 w/Ripper	$5900
IH 500C	$6900
Case 1150	$9500
JD 350B	$9800
Cat 951A	$10,500
Cat 951	$15,500
Cat 941 w/4 in 1 bkt	$21 700

BACKHOE ATTACHMENTS

JD-Case-AC-Long 3 pt
McConnell 3 pt

TRACTORS WITH LOADERS

AC D19	$2800
Case 350	$2900
IH 460	$3900
Ford 800	$4500
Kubota B7100-4WD	$4800
JD 2010	$4900
MF 135	$5900
Ford 4400	$5900
MF 2135	$5900
IH 424	$5900
Ford 3400	$6900
Ford 4400	$6900
(2) Ford 3550 Each	$7900
Ford 8400	$7900
Ford 420	$8900
MF 40B	$9500
Ford 6500	$10,500
Ford 445	$10,900

SKID STEER LOADERS

Gehl - As Is	$1500
IH 4120	$3500
Case 1740D	$5800
Melroe 825D	$11,800

BACKHOES

Linkbelt LS52	$3500
(2) IH 3514-Each	$7500
(2)Ford 4500-Each	$7500
IH 2400	$8900
IH 2500B	$9500
Long 5 in 1	$9500
IH 3600-ROPS	$9500
Ford 4500 Cab	$10,800
Case 580B	$11,400
Case 580B	$11,900
Ford 5550 ROPS	$12,800
Ford 535	$14,500
JD 410, Cab	$16,800
JD 310A	$17,500
Case 580F-4WD	$18,500
JD 410-Cab-1980 500 Hrs	$22,800

MISC. CONSTRUCTION

(60) Used Hoe Buckets	From $100
(30) Loader Buckets	From $100
(30) Set Forklift Forks	From $300
Pull Type Grader	$900
New 3 pt Winch	$1500
JD 350 Winch Attach	$1900
Huber Maintainer	$1900
Case 580 w/Knuckle Boom Loader	$4500
AC D Grader	$5900
Huber Maintainer DIESEL	$5900
AC 700 w/Log Loader	$9500
Ditch Witch R65 w/Hoe	$9500

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

WENGERS INC.

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TELEX 316290

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1 MILE FROM LEBANON VALLEY AIRPORT

CORNHEADS

AC 2 Row for A, E, K, E III, F
AC 3 Row for A, K
AC 4 Row for G, C, C II, L, M, F
AC 6 Row for C, C II
JD 2 Row for 40, 45, 55, 95, 3300, 4400
JD 3 Row for 45, 55, 95, 3300, 4400
JD 4 Row for 105, 4400, 6600, 7700, Etc
JD 6 Row for 6600, 7700, Etc.
IH 2 Row for 91, 93, 105, 203, 205, 315, 303, 403, 615, 715
IH 3 Row for 203, 205, 315, 403, 715, QT
IH 4 Row for 403, 715, 815, 915
IH 6 Row for 815, 915 - All QT
MF 2 Row for 300, 410
MF 3 Row for 300, 410, 510
MF 4 Row for 410, 510, 750, 760, Etc
MF 6 Row for QT
Oliver 2 Row for 25, 525
Oliver 3 Row for 525, 535, All QT
Oliver 4 Row for 535, 545, 555, All QT
Case 2 Row for 600, 660
Case 3 Row for 960, 1160
Case 4 Row for 1160
NH 2 Row for 975
NH 4 Row for 975, 985, All QT

BALERS

NH 315 w/Thrower
Ford 530
Case 220
IH 37
Extra Throwers
JD 214 Wire Tie

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 5000 Rollbar
Ford 4000 Cab
Case 930 Cab
Ford 9600 Cab
Ford 6600 Cab
JD 4320 Cab

SHELLERS & GRINDERS

MM 1200 Sheller
NI 315 Sheller Attach
NI 314 Sheller Attach.
NI Super Sheller Attach
NI 317 Grinder Attach.
NI 318 Grinder Attach
IH 234 Sheller Attach
JD 43 3 pt Sheller

HAYBINES

NH 478-7'
Hesston 1070-7'
JD 1209-9'

PLOWS

AC 2x & 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x-6x-7x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver (3 pts) 2x-3x
Oliver (pull) 3x
White (semi, Reset) 4x-5x
Ih 1x (FH & MTD)
IH 2x, 1 pt, FH & 3 pt
IH 3x FH & 3 pt
IH 4x pull
IH 4x Reset (On Land)
IH 550 5x (Semi)
IH 710 5x (Semi)
IH 710 6x (Semi)
Ford 1x & 2x (3 pts)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller
NI 323-Demo
(3) Ni 323 - Used
NI 10 1X Pull

LOADERS

Loader Off D.B. 990
Loader Off AC D19
Ford Off 8N
Freeman Off 880 Brown
AC Off 1600
JD 36A Off 1020
Souders Loaders
Case for 970 & Larger
IH for 300 Utility
IH 2250 Loader
IH 2050 Loader
IH 2000 Loader
IH 3000 Loader
Loader Off Ford 8000

DISC'S

IH 8' 10'-11'-13' Transports
JD Plowing Disc-10' & 12'
JD BW-14'
KK 6' 3 pt.
Kewanee-13' Rock Flex
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
IH 7' Pull Type

HARVESTERS

Fox Super 1000
JD 38
MF 260
NI 705 Uni System
NH 718
IH 555
NH Super 717
JD 34

SICKLE MOWERS

JD 9 3 pt.
Ford 3 pt
IH Cub
IH FH
Sitrex 3 pt dynabalance

CULTIVATORS

AC D14-D15 2x
Ford 2x
JD 2x (H & 420)
JD RG6
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A
IH C-H-M 2x Frt
IH 461 Ftr Mtd 4x
IH 4x FH
IH 153 4x 3 pt
1x3 pt - New
Westgo 6x 3 pt

COMBINE SALE EXTRAVAGANZA

All Combines Have Cabs

- JD 3300 D-R Screen-QT-Base $7420
- IH 615G-R Screen-QT-Base $5940
- White 7300 G-QT-Base $5870
- Gleaner K-R Screen-QT-Base $8610
- MF 300 G-QT-Base $4860
- MF 750D-QT-Base $9340
- JD 45 SB-w/Grain Head $2810
- Case 600-w/Grain Head $2490

CORN & GRAIN HEADS AVAILABLE

HARVESTER HEAD SPECIALISTS

(75 In Stock)

1X Corn for NH, Fox
2X Wide for NH, Fox, JD, IH
2X Narrow for NH, Fox, JD, IH
3X Narrow for NH, Fox, JD, IH, MF, Badger
1X Snapper for NH
2X Snapper for NH, Fox, JD
3X Snapper For Fox, JD
Pickup's for NH, JD, IH
Cutterbar's for NH, Fox, JD, IH

TRUCKS

GMC w/Grain Body $1500
1947 Ford Pumper Truck $2900
1966 Chevy C60 Dump $4500
(2) Diamond Reo 1x Dumps Each $4800
1975 Ford 8000 TT $6800
1975 Transtar $6800

FIELD CULTIVATORS

JD 12' 3 pt.
JD 18' 3 pt.
Glencoe 13' 3 pt

MISC. EQUIP.

JD 6500 Blower
24' Cardinal Elevator
Spike Harrow
CORN DRAGS
IH Cub & 140 Attachments
Hesston 10W Mower
8' FH Blade
10' & 12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Fert Spreader
Hesston 30 Mover
JD Tedder
(5) Bale Wagons
(2) Hesston 10 Stackers
NH 32' Elevator
Danuser PHD
Fox 660 Blower
JD 8200 Drill
IH 510 Drill
IH 56 Blower

CULTIPACKERS

9'-12'
14' w/Transport

TRANSPLANTERS

2 Row - Pull & 3 pt
1 Row - 3 pt

ROTARY MOWERS

JD 5' Pull
Modern 7' Pull
Toro 3 Gang Reel (SP)
Ford 7' Pull
Woods C80 Pulltype
Woods 6' Offset, 3 pt
FMC 13' Pull Type

DUALS

18 4x34 MF Axle
18 4x34 Snap On
20 8x38 Axle
18.4x34 Axle
18.4x38 Snap On
18 4x38 Ford Axle

FORAGE WAGONS

JD 214 | Gehl
Fox 625 | Gehl 940

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
760 Harvester
3x30 Harvester Head
705 Diesel Tractor
2x40 Harvester Head
QT Throat Assy
710 Combine

HAY RAKES

Sitrex 4 Wheel-3 pt.
JD 660

SPREADERS

NH Tandem Axle-250 Bu
NI 12A - Like New
Betterbilt 2100 Liquid Spreader
JD R
NI 14-Like New
NI 18

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger

CORNPLANTERS

IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt
MF 2x 3 Pt -New
IH 56 - 2 Row
IH 449 4x Pull
JD 290 2x Pull
IH 400 Air
Ford 2x3 pt

CHISEL PLOWS

JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt)
Kent 7' Soilsaver
Lely 12' Roterra
5', 8', 10' 3 pt.
1 tooth 3 pt. subsoiler

CULTIMULCHERS

Brillion 12'
JD 930 - 12' 3 pt.

NEW EQUIPMENT SPECIALS

SITREX P.T.O. TEDDERS
SPECIAL EARLY ORDER
For 2-Wheel Pulls or 3 Pt.
$895
ON STOCK

4 Wheel Pull . . . . . On Stock ~~$1795~~
3 ONLY
REDUCED FOR CLEARANCE . $1395

ROTARY MOWERS

40" 3 pt Heavy Duty $495
4' 3 pt Standard Duty $395
4' 3 pt Heavy Duty $495
5' 3 pt Standard Duty $395
5' 3 pt Heavy Duty $495
6' 3 pt Heavy Duty $695
7' 3 pt Heavy Duty $1395
4' pull Heavy Duty $595
5' pull Heavy Duty $695
6' pull Heavy Duty $895
7' pull Heavy Duty $1495
4' 3 pt Estate $1195
5' 3 pt Estate $1295
6' 3 pt Estate $1495

SICKLE BAR MOWERS

6' 3 pt pitmanless $1495

SCRAPER BLADES

6' 3 pt Heavy Duty $175
7' 3 pt Heavy Duty $195
8' 3 pt Monster Duty $695

CEMENT MIXERS

3 pt 9 cu ft. $495
3 pt 12 cu ft. $550
3 pt 20 cu ft. $695

STONE RAKES

6' 3 pt. $495
7' 3 pt. $550
8' 3 pt. $595

HAY TEDDERS

2 Wheel Pull PTO $895
2 Wheel 3 pt PTO $895
4 Wheel Pull PTO $1695
4 Wheel 3 pt Ground $465

HAY RAKES

4 wheel 3 pt. $465

WOODSAWS

3 pt PTO 30" $399

CULTIVATORS

1 row 3 pt $95

BOOM POLES

Standard 3 pt. $79
H.D. 3 pt $179

POTATO PLOWS

1 row 3 pt $95

ROTOVATORS

50" 3 pt Standard Duty $875
60" 3 pt Standard Duty $975
60" 3 pt Heavy Duty $1275
66" 3 pt Heavy Duty $1375
72" 3 pt Heavy Duty $1775
74" 3 pt Standard Duty $1475
82" 3 pt Heavy Duty $1975

LOADERS

3 pt snow & dirt bucket $695

SEEDERS

PA 150 3 pt $275
PA 250 3 pt $285
PA 300 3 pt $295
PA 400 3 pt $395
PA 500 3 pt $450

LANDSCAPE BOXES

3 pt 5'6" $495
3 pt 6' $495
3 pt 7' $595

TRAILERS

1985 4 ton 14' $1595
1985 4 ton 16' $1695

POST HOLE DIGGER

3 pt 6", 9", 12", HD $495

CHISEL PLOWS

3 pt 9 tooth spring loaded ... $595

DIRT SCOOPS

3 pt Reversible $395

WINCHES

3 pt 6600 lb $1495

DISC HARROW

5'6" 3 pt 18" Combo $495
6'6" 3 pt 18" Combo $495

SUBSOILERS

3 pt 1 shank HD $369

BALE MOVERS

3 pt 3 tine HD $379

FORKLIFTS

3 pt tilt cyl HD $2495

WAGONS

6 ton $450
8 ton loaded $550
10 ton loaded $625

BACKHOE BUCKETS

12" $495
18" $595
24" $695
36" $895
Add $200 For H D

CENTRAL TRACTOR **FARM & FAMILY CENTER**

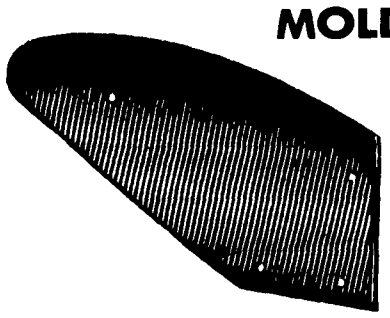
VISA MasterCard

Hurry!

Sale Starts
Mon., Jan. 13
thru Sat., Jan. 18

FARM S SPECI

MOLDBOARDS



All fitted plow moldboards are polished and dipped Made of top quality solid steel Average wt 17 lbs, unless specified differently

For Plows With Throw-A-Way Shares

Allis Chalmers 14 for 333 363 bottom	326070	16790 263	29 99
Allis Chalmers 387 bottom 16	347966	16797-263	41 99
Case 14	EX14	16991 263	33 99
Case 16	EX16	16992 263	35 99
Deere 14	HS314	16993 263	28 99
Deere 16	HS316	16994 263	34 99
John Deere NU 16	AA14885	16799 263	38 99
John Deere 18	AA15673	17012 263	44 99
John Deere Metric 450MM	32209	17044 263	55 99
Ford 12	104404	16995 263	30 99
Ford 14	104409	16996 263	32 99
Ford 16	104412	16997 263	35 99
Massey Ferguson 14	660010	16998 263	31 99
Massey Ferguson 16	660204	16999 263	33 99
Minn Moline 14	20P34	16766 263	33 99
Minn Moline 16	20P42	16767 263	34 99
IHC Super Chief 14	522328R1	16700 263	30 99
IHC Super Chief 16	522329	16701 263	33 99
IHC Super Chief Hi Speed 14	462313	16800 263	34 99
IHC Super Chief Hi Speed 16	462314	16801 263	35 99
Oliver 14	R419-14	16766 263	33 99
Oliver 16	R419 16	16767 263	34 99
Oliver 18	R619 18	17037 263	38 99

#3 Head Plow Bolt With Nut

For applications on moldboards some plow shins landsides cultivator sweeps and shovels digger points and chisel spikes

⅜ x 1	12871 001	.25
⅜ x 1¼	12792 001	.25
⅜ x 1½	12888 001	.25
7/16 x 1	12849 001	.32
7/16 x 1	12856 001	.32
7/16 x 1¾	12863 001	.32
7/16 x 2	12908-001	.32
7/16 x 2½	12713 001	.32
½ x 2½	12801 001	.40

159.99

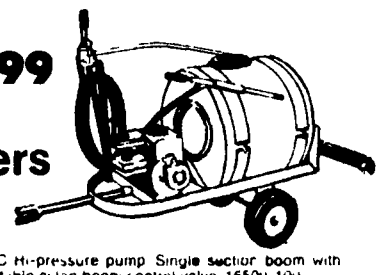
Lawn & Garden Sprayer

Ideal for spraying gardens flowerbeds small trees orchards livestock and pets Recommended for spraying herbicides algicides insecticides and pesticides 12 volt electric sprayer comes with lead acid rechargeable battery and charger Operates up to 4 hours on a charge Handgun adjusts from fine mist to solid stream Replaceable 5 gallon tank shows liquid level 19743 100

- LAWN
- GARDEN
- GROVE

469.99

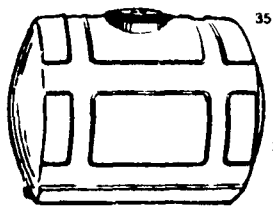
Mini-Sprayers



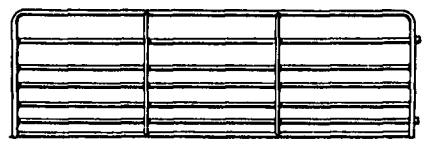
Hand gun and 25 ft hose C4100C Hi-pressure pump Single section boom with 2 Floodjet nozzles covers 7' Adjustable nylon boom control valve 1650U 100

Replacement Hand Gun for above	18381 100	18.99
Replacement Roller Pump for above	18368 100	74.99
Repair Kit for above Roller Pump	18373 100	13.99

Polyethylene Sprayer Tanks



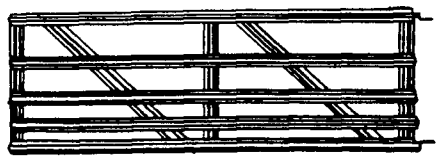
Size (gal)	dia	length	Wt lbs	Stock No	
25	22½	18	15	17549 100	39 99
35 Free Standing	34	18	17	19007 100	47 99
55	22½	34½	23	17556 100	59 99
65 Upright	23	42	25	17563-100	65 99
110	30	49	40	16597-100	79 99
150	32	55	50	16534-100	109 99
200	38	51	65	16535 100	124 99
200	32	71	65	16865 100	124 99
200 Trim Vue	31	50	62	17571 100	141 99
300	38	73	90	16536 100	164 99
500	48	74	140	16867 100	244 99



7 BAR TUBE GATE

1¾" 7 Bar Round Tube Gate

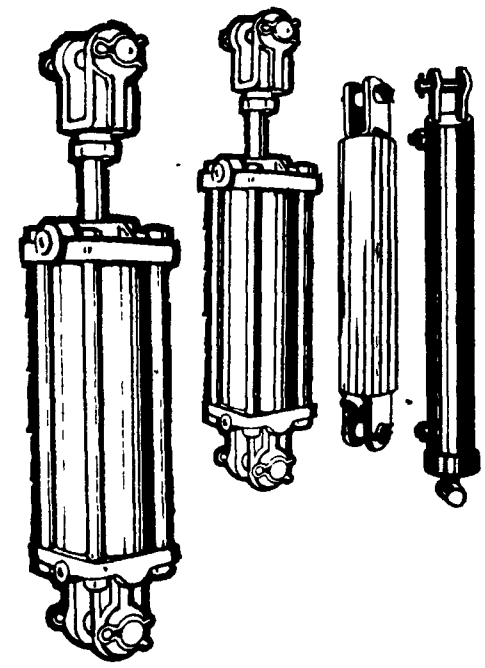
10' Gate 17924 253	39.99	12' Gate 17931 253	41.99
14' Gate 17949 253	46.99	16' Gate 17956 253	49.99



5 Panel Steel Gates

48" high gates with panels made of heavy 22 gauge galvanized steel Gates are 4" shorter than listed to compensate for hinges Complete with screw hooks and hinges

10' Gate 17686 253	29.99	14' Gate 17676 253	36.99
12' Gate 17687 253	32.99	16' Gate 17677 253	39.99

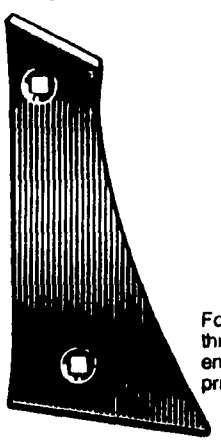


HEAVY DUTY DOUBLE ACTION Multi-Pressure Cylinders

2500 psi working pressure and 4000 psi surge pressure allows these cylinders to be used interchangeably on any tractor new or old high or low pressure without loss of efficiency or damage to the hydraulic system However low pump pressures mean less lift force Fits all implements calling for ASAE stroke cylinders Has threaded and removable rod clevis

2¼ bore 8 stroke 20¼ retracted length Wt 24 lbs	6584 017	39 99
3 bore 8 stroke 20¼ retracted length Wt 28 lbs	6501-017	39 99
3½ bore 8 stroke 20¼ retracted length Wt 27 lbs	6585-017	54 99
4 bore 8 stroke 20¼ retracted length Wt 42 lbs	6506 017	64 99
5 bore 8 stroke 20¼ retracted length 2500 psi Wt 33 lbs	6586-017	114 99
3 bore 10 stroke 20¼ retracted length Wt 29 lbs	6502-017	49 99
3 bore 16 stroke 31½ retracted length Wt 40 lbs	6503 017	59 99
3½ bore 16 stroke 26¼ retracted length Wt 33 lbs	6593 017	64 99
3½ bore 16 stroke 31½ retracted length Wt 46 lbs	6587 017	64 99
4 bore 16 stroke 31½ retracted length Wt 61 lbs	6592-017	79 99
3 bore 24 stroke 34½ retracted length Wt 42 lbs	6504-017	69 99
3½ bore 24 stroke 34¼ retracted length Wt 54 lbs	6588-017	69 99
4 bore 16 stroke 26¼ retracted length Wt 48 lbs	66012 017	79 99
4 bore 24 stroke 34¼ retracted length 2 shaft Wt 74 lbs	66076-017	94 99

Note 6503 017 and 6504 017 are suited for use in loaders cranes fork lifts etc



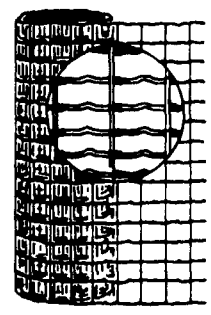
PLOW SHINS

Forged out of high carbon steel Added thickness where the most severe wear is encountered Order bolts separately as shin price does not include bolts. Average wt 4 lbs.

Model	Size	Mfg No	Stock No	Price
Allis Chalmers 14 or 16	⅜	324940	16007-002	5 99
Allis Chalmers 375 series 14 or 16	⅜	340971	16053 002	5 89
Allis Chalmers 387 series 14 or 16	⅜	347649	16083-002	5 99
Case 14 or 16	⅜	W105485	16008 002	5 69
Ford Economy 12 14 or 16	7/16	104403	16009-002	4 29
David Brown 14 or 16	7/16	HS10S	16084-002	6 29
John Deere RH 14	7/16	8195A	16010 002	3 89
John Deere Nu 14 & RH 16	7/16	8196N AA14883	16098 002	4 79
John Deere Metric 450MM	7/16	A30129	16212 002	6 69
IHC (SC) 14 or 16	7/16	522325R	16012-002	4 59
IHC (PC) 14 or 16	7/16	515680	16772 263	6 79
IHC Super PC 14 or 16	7/16	522325R1	16012-002	4 59
Massey Ferguson 14 or 16	7/16	660020M91	16013-002	4 29
Massey Ferguson 14 or 16	7/16	475191	16783 263	9 59
Minn Moline 14 or 16	7/16	20P40	16786 263	6 59
Oliver 12 14 or 16 625 Bottom	7/16	7488	16015-002	5 49
Oliver 12 14 or 16 419 Bottom	7/16	7490	16016 002	4 29

CLIP HEAD BOLTS FOR PLOW SHINS
With Nuts

7/16 x1¾	12764 001	.25
⅜ x1¾	12763-001	.25
½ x1¼	12765-001	.25



79.99

24678 282

39" Field Fence

6 between stays with 11 gauge filler wires and 9 gauge top & bottom wires

89.99

24681 282

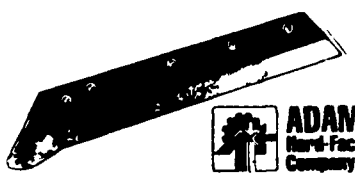
47" Field Fence

6 between stays with 11 gauge filler wires and 9 gauge top & bottom wires

½" Two Wire Braid Hose

Complete with ½" solid male fittings on both ends ½" hose with 7' bending radius and 3500 lbs maximum working pressure

Length	Stock No	
12 in	22527-105	3 49
18 in	22528-105	4 19
2 ft	22529-105	4 99
30 in	22530-105	5 69
3 ft	22531-105	6 49
4 ft	22532-105	7 99
5 ft	22533-105	8 89
6 ft	22520-105	9 99
7 ft	22521-105	10 99
8 ft	22522-105	12 49
9 ft	22526-105	13 99
10 ft	22523 105	14 99
12 ft	22524-105	17 99
13 ft	22534-105	18 99
15 ft	22535-105	21 99



ADAMS Hard-Facing Company

BROKEN SHARE REPLACED FREE! As Long As Share Is Not Worn Out

Applies only to Rock Shares

The extra heavy duty long wearing share is made of top quality spring steel Extra material is added to the nose of the share making it wear twice as long and extra strong to eliminate breakage Our extra heavy duty plow shares wear as long as any other share on the market Rock Shares For Allis Chalmers Case John Deere Ford IHC Massey Ferguson Oliver and Minneapolis Moline Made in USA

Rock Shares

AS LOW AS 5.99

All 14

All 14"	5.99
All 16"	6.49
All 18"	6.99

4.29

16 11 ga plain blade

Heat Treated Plain Disc Blade

18 11 ga	NOW 5 49
18 9 ga	NOW 6 99
20 9 ga	NOW 7 49
20 7 ga	NOW 8 49
22 7 ga	NOW 11 99
24 x ¼	NOW 18 99

Notched Blades

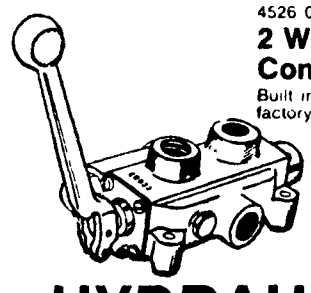
16 11 ga	NOW 4 49
18 11 ga	NOW 5 49
18 9 ga	NOW 5 99
20 9 ga	NOW 7 49
20 7 ga	NOW 8 99
22 7 ga	NOW 11 99
24 x ¼	NOW 18 99

4526 008

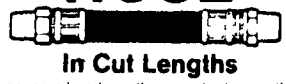
2 Way Hydraulic Converta Valve

Built in relief valves easy mounting factory set at 1500 psi

49.99



HYDRAULIC HOSE



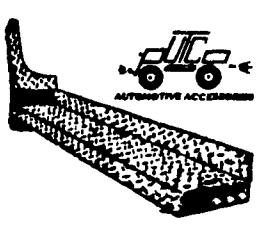
In Cut Lengths

Neoprene cover oil and weather resistant smooth load press finish Factory applied couplings

¼" Single Wire Braid Hose

4 solid male fittings on both ends ¼" hose with 4" bending radius and 2750 lbs max working pressure

Lgth	Wt Lbs	Stock No	Price	Lgth	Wt Lbs	Stock No	Price
12	-	22885 105	2.89	3	¾	22920 105	4.69
18	-	22892 105	3.29	4	1	22937 105	5.69
2	½	22905 105	3.69	5	1¼	22944 105	6.19
30	½	22912-105	4.19				

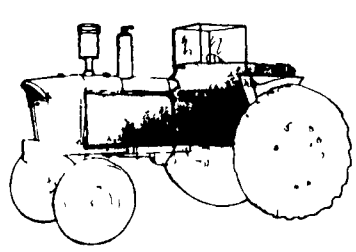


54.99

'73-'86 Chevy & GMC	25157 314
'72 '86 Dodge	25159 314
'73 '86 Ford	25186-314
'82 '86 Chevy S10	25421 314
'83 '86 Ford Ranger	25446 314

Alum. Tread Brite Running Boards

- Protects your pickup's body from rock chips and mud splattering
- Mounting brackets and hardware included



104.99

Reg 109.99 / SAVE 5.00

Universal Heater Cab

Will fit most popular models of tractors Extra side adjustments cut tapered to fit contour of tractor hood

Side entry	11152 235
Rear entry	11162 235
Small model	11169 235

SHOW
CIALS

7.99

5" Sealed Beam Tractor Lights
Lamp body is fashioned from heavy gauge steel. Complete with GE 4½ sealed beam

6 volt	901 005
12 volt	902 005

YOUR CHOICE
84¢

Starting Fluid
18261 234
Gives smooth starts in all kinds of weather. Starts engines with low batteries. Also for use in diesel engines. 10.4 oz. net wt.

Starting Fluid
18262 234
Fits John Deere and International Harvester diesel injector receptacles and can be used on hard to start gasoline engines. 7.8 oz. net wt.

BATTERIES AS LOW AS 28.99

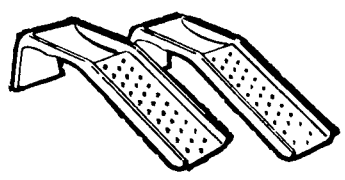
Tractor and Commercial Guarantee ½ The Time On Group 22, 24, 27 and 74 Batteries. Many Other Batteries Available At Special Low Prices

Group 22F
3 Year Guarantee Automotive Use

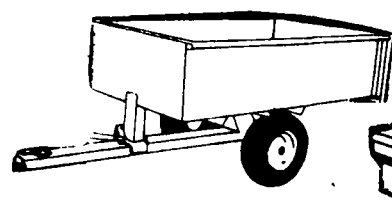
Guarantee	Volts	Cold Crank	Group	Exch Price
3 Yr.	12	350	22F	28.99
4 Yr.	12	400	22F	30.99
5 Yr.	12	440	22F	35.99
3 Yr.	12	350	24/24F	29.99
4 Yr.	12	400	24/24F	35.99
5 Yr.	12	500	24/24F	41.99
3 Yr.	12	350	74	32.99
5 Yr.	12	500	74	42.99
2 Yr.	6	480	1	30.99
3 Yr.	6	525	1	34.99
2 Yr.	12	715	4DLT	83.99
4 Yr.	12	485	27/27F	39.99
5 Yr.	12	565	27/2F	46.99
2½ Yr.	12	580	30	55.99

7.79
2 Gallons
14082 272
19.99 5 Gallons
13883 272

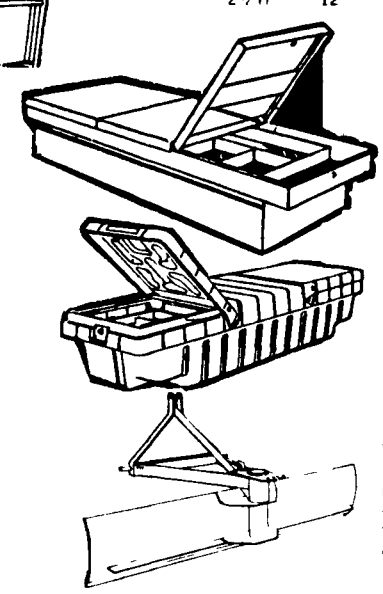
CT Lube Universal Hydraulic Oil
A universal hydraulic fluid which is recommended for most hydraulic systems



11.99
19457 145
Car Ramps
5000 lb. capacity. One piece heavy gauge steel construction. Lifts front or rear 9"



179.99
19479 243
17 Cu. Ft. Trailer Cart
- Heavy steel body
- Easily hitches to a garden tractor or riding mower
- Removable sliding tailgate
- Large pneumatic tired wheels
- Cart may vary from illustration

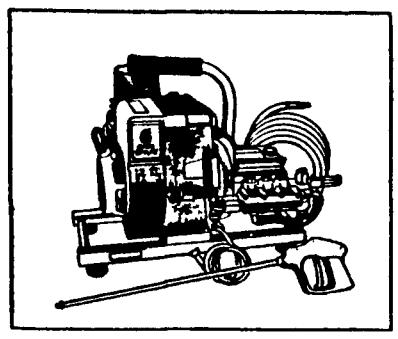


YOUR CHOICE
79.99

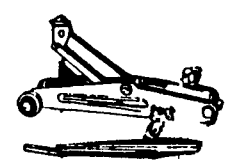
Steel or Poly Pickup Tool Box
Fits most standard pickups
Steel Tool Box 22185 269
Polyethelene Tool Box 43210 472
L Shaped Tank 149.99
100 Gal. 22204 269 Reg. 169.99

Steel or Poly Mini Pickup Box
Fits Datsun, Luv, Toyota, Scout, Courier, GMC S15, Chevy S10 & Ford Ranger pickups
Steel Tool Box 22205 269
Polyethelene Tool Box 43227 472
L Shaped Fuel Tank 104.99
75 Gal. 22259 269 Reg. 114.99

Three Point Tractor Blades
6' 35 Hp Rating 20229 157 **129.99**
7' 35 Hp Rating 20225 157 **149.99**



399.99
25527-293
Hi-Pressure Washer
- Excellent general purpose lightweight power washer
- 3.0 hp Briggs engine features 4 cycle, air cooled, magnetron ignition & recoil starter
- 2.2 g.p.m.
- 1000 P.S.I.
- ¾" x 20' hose



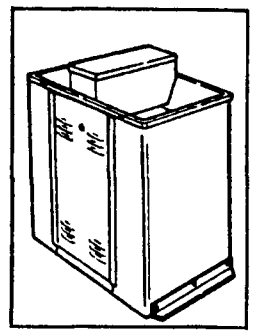
31.99
22725 249
Hi-Lift Jack
7000 lbs. capacity, made of heavy duty material for long wear. 48" high with 38" continuous lift

ease Cartridges 65¢
272
quality multi-service Super Lithium e 24 cartridges per case. Regular may vary locally

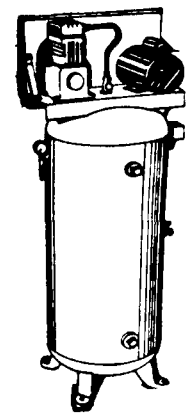
Lbs. Lithium Grease
272
21.99

Gal. S.A.E. 80W-90 ulti-Purpose Gear Oil
272
8.49

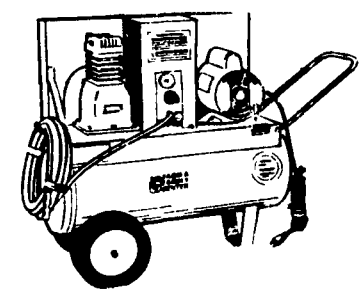
272
Gallon 20.99



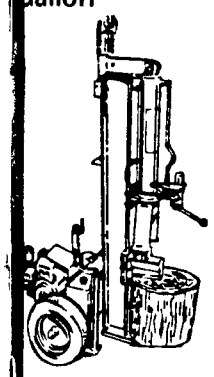
174.99
22101-176
Heated Cattle Waterer
- Preset thermostat and electric heating element
- Float box & jacket are fully insulated
- Steel drinker and lid with drain plug
- Water trough is steel
- Serves 80 cattle



29.99
19460 145
2 Ton Hydraulic Floor Jack
High carbon steel side plates. Oversize front wheels for stability. Ball bearing casters for easy positioning.
2 Ton Hvy. Duty Hyd. Service Jack 19607 145 **NOW 24.99**



189.99
17980 106
½ Horsepower Air Compressor
- 10 gallon tank
- 3.2 CFM displ. 2.4 CFM at 40 p.s.i. 1.8 CFM at 90 p.s.i.
- Dial O Matic control
- No additional regulator needed



899.99
Reg. 999.99/SAVE 70.00
13281 279
16 Ton Vertical Horizontal Log Splitter
- 2 stage pump
- 5 Hp. engine has splitting force of 32,000 lbs.
- Automatic retraction of cylinder

379.99
17984 106
2 Horsepower Air Compressor
- 2 hp electric motor
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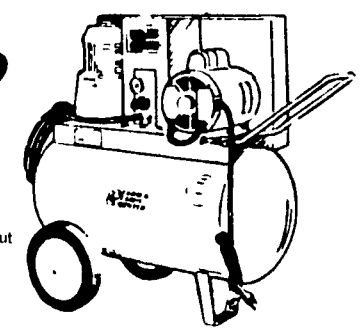
- 22 gallon tank
- As portable as the 1 hp unit



1.79
24677 282
6' Steel "T" Post

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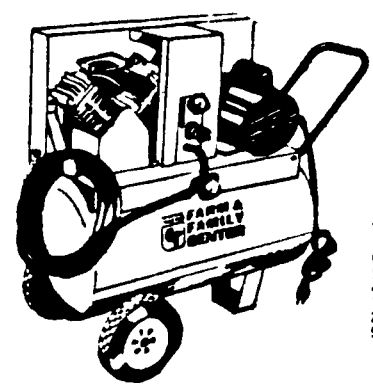
24690 282
6½' Steel "T" Post
Strong, durable studded "T" post with enamel finish for long life. Includes five clips for quick fencing to post



519.99
18397 106
5 Hp. Air Compressor
- Highly efficient medium duty industrial air compressor with cast iron twin cylinder 1 stage pump. 5 Hp. 230 V. single phase electric motor
- 14.1 cfm displacement
- Features a 60 gal. tank totally enclosed belt guard for safe operation, bleeder type pressure switch for loadless starting

299.99
18326-106
1 Hp. Twin Cylinder Air Compressor
14 gal. tank. 7.0 CFM displ. 5.2 cfm at 40 p.s.i. 4.2 CFM at 90 p.s.i. The V-2 control will deliver air power. Easy to read gauge enables you to dial the pressure desired, no additional regulator needed.
15' Air Hose 17791 106 **NOW 8.99**
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50' Air Hose 18417 106 **NOW 16.99**

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2 098 Mfg. Sug. List 349.95
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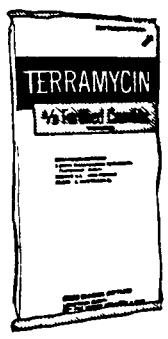
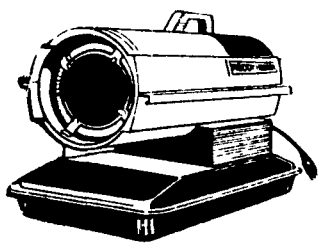
cu. in. engine with impression release
Power Tip bar
& manual chain oiling



9.49
19015 141
Terramycin A/D Fortified Crumbles
Helps increase production in dairy animals and increases gains in beef and swine by fighting disease two ways. Fights in the blood and in the gut. Helps eliminate bacterial enteritis. 50 lb. bag



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35,000 BTU Space Heater
- Burns kerosene or #1 fuel oil
- Operates up to 11.5 hours
- 3 gal. tank
- Solid state ignition
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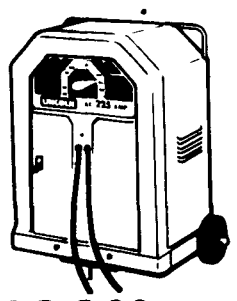
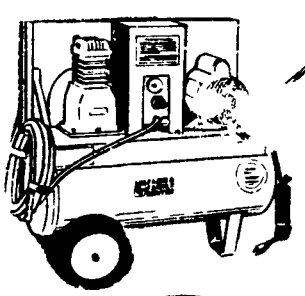
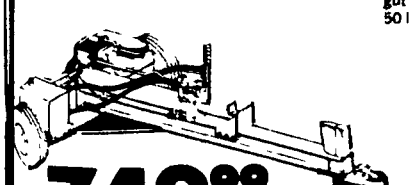


139.99
18040-115
Lincoln 225 Amp Arc Welder
Includes ground clamp. Insulated electrode holder, 15' electrode cable, 10' ground cable, 6' input cable with plug, female receptacle and helmet. Uses 220 volt, 60 cycle power source. Wheels not included.
AC/DC Lincoln 225 Amp Arc Welder 18121 115 **NOW 269.99**
Welding Glove 18019 115 **NOW 7.19**

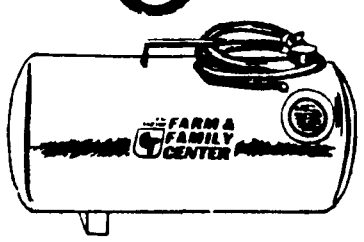


204.99
17981 106
¼ Horsepower Air Compressor
10 gallon tank. 4.0 CFM displ. 3.1 CFM at 40 p.s.i. 2.5 c.f.m. at 90 p.s.i. Dial O Matic control with easy to read gauge enables you to dial the pressure desired, no additional regulator needed.



749.99
Reg. 899.99/SAVE 120.00
13105 279
16 Ton Low Profile Log Splitter
- 2-stage pump
- 5 Hp. engine
- Auto cylinder retraction
- Road speed tubeless tires
- 1⅞" ball hitch coupler

14.50
27800 285
50 Lbs. Milk Replacer
Higher quality than many milk replacers on the market. Compare it yourself and see the difference the quality can make in your animals.



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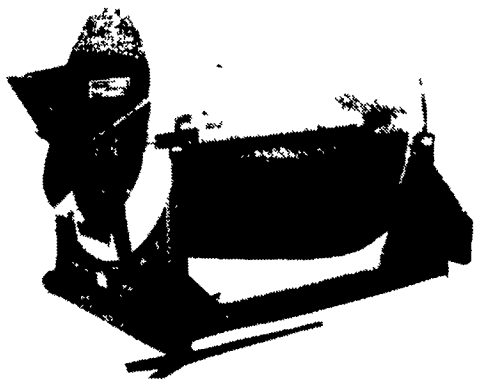

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MM 445 w/loader	Oliver 10 Disk
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JD 2640 w/15 5x38	Pittsburg 9 Disk
JD 2940	JD 325 3 btm plow
AC 190XT Series III	JD 350 4 btm plow
JD 5400 SP Harvesters	JD 125 4 btm plow
IH 154 Lo Boy w/Mower	JD 1 btm plow to fit M
Ford NAA Jubilee	JD 345 4 btm plow
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Gehl 72-72"
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IH 800, 4R Corn Planter
IH 800, 6RN Corn Planter
IH 400 cyclo
IH 56 plate
JD 7000-6rn
White 543, 4RN
IH 455-4row
JD 494A-4row
IH 449-4row
AC 600-4row-air
IH 800-6rn-cyclo
JD 1440-4row

MOWERS
Oliver-3pt-7ft
NH 450-7ft
Bush Hog Rotary-9ft

HARROWS
Nieymeyer Power
IH 401-Sp tooth
IH 47 disk-13ft
JD WRA disk-13'6"
IH 9A-9ft
IH 350 disk-10ft
IH 475 disk-12ft
JD KBA disk-8ft
IH 37 disk-8ft
IH 470 disk-8ft
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766 Harvester
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729A Sheller
770 Adapter
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730, 4RW
768, 3RWN
735, 3RN
725, 3RN
734, 3RN
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844, 4RW
IH 843, 4RN
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IH 303-gas
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Oliver-13x7
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IH 16x7 Combination

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Gehl 108-9ft
IH 1190-9ft
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NH 489-9ft
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NI 272
NI 279 9' Cut/ditioner
Gehl 440
IH 225

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Gehl 600
Papec 180
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NH 880
Fox 2000
IH 830
IH 15

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NI 311-2 row
IH 2MH-mounted
NI 323-1row

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NI 218
NI 213
NI 212
Hawkbilt 357
Hawkbilt 207
Hawkbilt 157
NI 224
IH 550
NH 790
Starline 930
NH 519
IH 595
JD 54
Hesston 1440 tank
Badger 205
NH 676S
NH 365
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JD 345-4x16-auto
IH 450-4x16-auto
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AC 4x16-auto
Brady 700 ch.11'
Case 3 pt. Chisel
Case 5x16
Kasco Chisel-9'
Ford-4x16, 3 pt
Long-3x16
IH 700-5x16 auto

WINDROWER
AC 904-9ft
Gehl 108-9ft
IH 1190-9ft
OMC 229-9ft
NH 489-9ft
IH 990
NI 272
NI 279 9' Cut/ditioner
Gehl 440
IH 225

WAGONS
Grove 16ft
Badger 14ft
IH 51-16ft
Cobey 51
NH 6-14ft
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NI 290 Windrower
Case 1740 Skid Loader
IH 766 Tractor w/Cab
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#3 3910 New, 2 hrs., 8 speed synchromesh transmission, upright exhaust, crown fenders, lights, front tires-7.50x16, rear tires-14.9x28 ..... $10,900.00

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#19 2810 BS414C, S/N- C728031, 7 hrs. excellent, basic unit with vertical exhaust, independent 540 rpm PTO and 8 speed transmission, 32 PTO H.P., deluxe seat, power steering, 4WD w/limited slip differential stabilizer kit, front tires-8.3x24, rear tires-13.6x28 ..... $12,500.00

#20 2910 BA454C, S/N- C714672, 44 hrs. excellent, basic unit with horizontal exhaust, independent 540 rpm PTO and 8 speed transmission, 36 PTO H.P., valve-single spool, open-center, remote control valve, stabilizer kit, 4WD, front tires-8.3x24, rear tires-13.6x28 ..... $14,500.00

#26 4610 DA314D, S/N- C733694, [illegible] hrs. excellent, basic unit with vertical exhaust, independent 540 rpm PTO SOLD $17,500.00

#27 5610 LA314M, S/N, C716737, 245 hrs., very good, basic unit with 540 independent PTO, 16x4 dual power and vertical exhaust, 62 PTO H.P. load monitor, ford built cab w/air conditioner, heater/defroster, tinted glass, sliding rear window, interior dome light, deluxe comfortizer seat & seat belt, large padded tool box, two rear work lights, AM/FM stereo radio, 4WD, three spool, closed center, remote control valve, includes valve and six quick-couplers and hose, dry dual element air cleaner, front end and rear wheel weight set, front tires-14 9x24, rear tires-16.9x28 ..... $21,000.00

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#29 6710 EC314L, S/N- C714740, 130 hrs., very good, basic unit with independent 540 rpm PTO and 16x8 dual power synchromesh transmission 72 PTO H.P., auxiliary fuel tank-19 gallons, two pump hydraulic system-live hydraulics with load monitor, position control, variable draft control, automatic flow control, and special load monitor, two spool, closed-center remote control valve, Ford built cab w/air conditioner, heater/defroster, 3 speed pressurizer, windshield washer, deluxe comfortizer seat & seat belt, large padded tool box, AM/FM stereo radio, front wheel drive w/limited slip differential, front end weight set, consisting of ten 90 lb., front wafer weights and mounting carrier, front tires-14.9x24, rear tires-16.9x38 ..... $24,000.00

#32 7710 FC315L, S/N- C733742, 82 hrs. very good, basic unit with 540/1000 independent PTO, 16x8 synchro dual power and standard front axle, 86 PTO H.P., Ford built cab w/air conditioner, heater/defroster, 3 speed pressurizer, two doors with locks, mud fenders, tinted glass, AM/FM stereo radio, power adjust rear wheels, rear wheel weights plus front end wafer weights, front tires-10.00x16, rear tires-18.4x34 ..... $24,000.00

#33 TW5 Tractor C716069, 63 hrs., good, w/773 Ford Loader, (GC415M), basic unit with 540/1000 independent PTO and 16x4 dual power, 105 PTO H.P., auxiliary fuel tank-19 gallons, Ford built cab w/air conditioner, integral rops, heater/defroster, 3 speed pressurizer, two doors with locks, mud fenders, tinted glass, AM/FM stereo radio, heavy duty front axle, three spool valve, open-center, remote control valve, includes valve, six hoses and quick-couplers, ether start kit front tires-14Lx16.1, rear tires-18.4Rx38, power wheels, Ford loader, model 773-4, S/N-WIA6229 with 19SM2130 bucket-78" ... $26,000.00

#34 TW5 GC415M, S/N- C72[illegible] SOLD xiliary Fuel Tank, Cab, Deluxe Seat & Padded Tool Box, 4WD, Remote Valve (3) $25,500.00

#35 UC415M TW15, S/N- C722766, 244 hrs., very good, basic unit with 540/1000 independent PTO, 16x4 dual power, 121 PTO H.P., front wheel drive w/limited slip differential, Ford built cab, w/air conditioner, heater/defroster, 3 speed pressurizer, Am/FM stereo radio, power adjusted rear wheels, three spool valve, open-center, remote control valve, includes valve, six hoses and quick-couplers, tractor performance monitor, rear wheel weights plus front end weights, cold start, front tires-16.9x28, rear tires-20.8x38. ..... $32,000.00

#36 TW25 HC415M, S/N- C71635[illegible] SOLD uliary Fuel Tank, Cab, Comfortizer Seat, Padded Tool Box, 4W[illegible], Remote Valve (3) $34,000.00

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IH 4 btm. semi-mtd. plow
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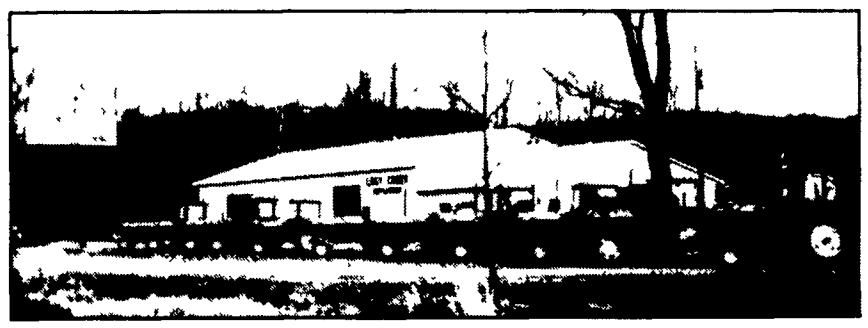

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On all John Deere Service work performed in our service dept. Discounts will apply to all work scheduled through Jan. 31, 1986. John Deere financing available on major overhauls.

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New Equipment Specials

We Have A Large Selection Of New Tractors In Stock 14 HP - 140 HP At Reasonable Prices And Interest Free Until June 1, 1986

Green Value - Used Equipment

USED COMBINES

JD 6600 Side Hill, hydro, 1,300 hrs., 15' platform, excellent
MF 205 combine w/10' platform, cab, model 24 corn head, sharp
NH TR85, 1,800 hrs., cab, 4WD, Cat. dsl., hydro, 16' flex platform
NI 710 Uni Combine w/10' grain platform
MF 760 combine w/hydro, cab, AC, 1163 corn head, platform, $29,000
NH 975 combine w/platform and QT Feeder House
510 MF w/platform, cab, air, nice
(3) JD 444 corn heads
JD 643 corn head
Assorted JD platforms
NI 314 2 row pull type sheller
NI 325 2 row narrow sheller, excellent
JD 300 Husker
Waiver on New & Used

USED TRACTORS

JD 4240, SGA, power shift, excellent
JD 2950 Tractor, 500 hrs., like new
JD 2840 tractor, new tires, good cond.
JD 2010 Gas, nice
JD 70 Gas, excellent
JD 60 Tractor
JD A Tractor w/picker
IH 584, less than 200 hrs., like new
MF 65 tractor, good, new tires, reduced $2,800
Farmall H sharp
Ferguson 35 w/loader
(2) AC WD w/2 btm. plow

TILLAGE

IH transport disc, 12', good
IH 720 4 btm. plow, excellent
(6) 2, 3, 4, 5 bottom plows
9' Case transport disk
10' Oliver disk
18' transport harrow
JD 12' drag harrow

DRILLS & PLANTERS

JD 1440 no-till planter, dry, insect., very good
(2) JD 1240 planters, good cond.
(2) JD 7000 4 row conservation planter, dry, insect., markers, monitor, excellent.
MF Grain Drill, steel wheel, nice
IH 56 4 row DD, dry fert.

HAY, FORAGE & MISC.

NH 315 Baler w/thrower, nice
NH 273 Baler
NH 68 baler w/thrower
JD 336 baler w/30 ejector, good
IH 430 baler w/thrower, good
JD 480 mower conditioner
(3) Used Flail Choppers
JD 506 Rotary Cutter
IH 830 harvester w/2 row head, excellent cond.
JD 38 Harvester
8' Brillion Cultipacker, like new
JD 115 Forage Box
JD 750 grinder mixer, very good
JD 80 tool bar, 2 row cultivator
Ford 3 pt. hitch mower, $425
(2) 512 NH Spreaders, $800 each
(2) Used gravity bins w/running gears
IH 990 haybine, 9'

USED EQUIPMENT

JD 2940 Tractor
Sauder Snowplow
6' 3 pt. Hitch Scraper
JD 54 3 PTH Rotary Mower
2 Wheel Trailer
5 Bottom 16" JD Model 1450
2,000 gal. Liquid Tank Spreader
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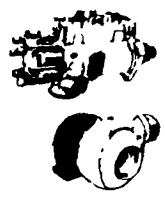

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8640 Model, 600 hours, like new with all factory updates, *56,500

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COMBINES W/GOOD SELECTION OF HEADS

J.D. 6620 S.H., 800 Hrs., Real Nice; 6620 S.H.; 900 Hrs., 1 Owner, Just out of Harvest: JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen - Good; 6600 D w/Grain, Good For $9,500; (69) 55 Sq. B. w/Cab, Corn Special; 55 Sq. B. w/Cab - Good; '74 JD 6600 D Hydro, real nice

IH (Used) 1460 Axial Flow - 900 Hrs., $34,800, Very Nice; (76) 915 Dsl., C.A. Turbo Hydro; (73) 915 D. C.A. Turbo Hydro w/4R C.H. $9,800; 715 Gas - Good; 205 w/Cab & 10' G.H; 203 w/Grain & 227 C.H.

M.F. (80) 750 Gray Cab, 760 Hours - Nice; 550, Low Hours - Nice; (75) 510 D. Hydro w/Cab; (69) 510 D. w/Cab; 300 D. C.A. - 640 Hours, Excellent; 300 Gas - $2,850; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.- Nice; #90 Pull Type.

(75) White 8600 D.C.A. Hydro w/15' Flex, $9,750; N.I. 702 & 705 Uni-Systems w/Full Eq.; N.I. 709 C.A. w/R.W.D.; 767 Super Chopper; 729 A Shellers, $1,200; NI 727 Husking Beds In Stock.

Combines Coming In: MF 850 Hydro, clean w/heads; '78 JD 6600 D. hydro. w/low hrs., extra nice; IH 1480 w/820 Flex & 8R C.H.; Gleaner F w/grain & like new 430 C.H; Gleaner F2 D, CA, grain, A430 C.H.; Gleaner N6 w/RWD, corn & grain; Used Combine Tracks for JD 6600 or 7700.

CORNHEADS: J.D. 843, 1243, 643, 444, 443, 343, 244, 243, (New) 443 - $9,300; 653 Row Crop; 313 (45), 334 (55), 205 (40) 234, 435; Late Model 643 & 443, like new; Late Model 444, 643-$5250 & up, 443-$4250 & up.

I.H. 883, 863, 844, 833, 744, 227.

A.C. GL 440, C440, A438, L438, M430, F430, F335, F330, K238.

M.F. 1163, 1143, 63, 44, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; White 706N; Ford 4-30"; Case (404).

GRAIN HEADS: J.D. 12'-15' Incl. 213 & 215 & (2) JD 216 Flex, like new.

I.H. (New) 820 - 15' Flex, (Used) 820-17.5' Flex, $4,300; 810-13' Thru 16.5' w/Reg. or Floating Bar; 710-13'.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10', G15'.

N.I. 713 Flex Or Rigid, 711.

TRACTORS:

J.D. (New) 4450 C.A. P.S. w/FWD; new 4240 C.A.P.S.; Used JD 4450 C.A., PS, w/3 Valves & Factory Dual Wheels w/165 hrs.(SOLD); (Used) 4640 C.A P.S., Duals - 800 Hrs., Real Nice; 4640 C.A.Q.R. - Factory Duals; 4640 C.A.Q.R w/dual wheels; 4440 C.A.P.S. - Real Nice; 4440 C.A.Q.R.; 4240 C.A.P.S. - Nice; 4240 C.A.Q.R. 920 Hrs. - Excellent (SOLD); 4240 Q.R. Fender; 2940 w/F.W.D. & 260 Loader, Low Hours; 2940 w/R.G.; 2840 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 6030 C.A., Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; 4630 - 8 Spd., Nice (SOLD); 4430 C.A.Q.R.; 4230 C.A.Q.R.; 4230 P.S. w/R.G.; 4030-77, C.A., QR; Used JD 4430 R.G. & Q.R.; JD 4040 PS w/R.G.; JD 4030 Q.R. w/R.G.; JD 4030 w/Fender; JD 4230 D w/RG Enclosure; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; 7520 4 W.D. C.A. - Duals; (70) 5020 - $6,500; (67) 5020 w/Duals - No 3 Pt. $4,850; 4620 w/Cab & New Tires; 4520 w/Cab & Fresh Motor; 4320 w/Cab - Good; (8) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; (2) 4020 w/158 Loader, 3020 D. S.C., W.F.E.; 2520 D.; 2020 D. w/Loader; 2020 Gas; 3010 D, nice; 4010 D w/new clutch; 4010 D. $4,500; 4010 Gas; 730 D. P.S. w/3 Pt. - $3,450; 730 Gas w/3 Pt.; 630 Gas; 720 D P.S. w/3 pt; 620 P.S.; 620 L.P., P S.; 60, A, 3010 gas.

I.H. (New) 5088 Full EQ.; (New) 3688 Full EQ.; 5488 Full EQ., Radial Duals - Like New; 3588 2+2 Local - Full EQ. - 900 Hrs. - Like New; 1486 w/C.A., dual PTO, 3 outlets & dual wheels; 1586 C.A. Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 186 Hydro C.A. - Like New; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice, $9,500; 684 w/Cab (SOLD); 1568 C.A. - 1,000 Hrs., Real Nice; 1468 C.A. - Nice - $8,500; 1566 C.A. - Black Stripe; 1566 w/Cab; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766 Original; 666 D., Real Nice; 674 D. 574 D. w/Loader; 574 D. - New Tires; 574 D. - $3,950; 354 Gas Utility; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 D. Hydro w/2000 L; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D; 706 w/German Diesel - Very Good. 706 D. - W.F.E. - 3 pt. - $5,000; 706 W.F.E. - 3 pt. Gas; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; 606 Gas w/L. - $4,250; 560 D. w/F.H.; 460 w/Loader - Needs Trans. Work; 450 w/P.S. & F.H.; 230 w/F.H.; Super M, M w/W.F.E.; M & H, nice; Super C. W.F.E. - F.H.; C w/Cult.

A.C. (New) 8050 C.A.P.S. - Radial Tires, List 56, Cost 44, Our Price $32,850; (New) 6080; (New) 7010 w/20 Spd. - $18,750; (Used) 7045 C.A. - 20 Spd. - Real Nice; 7040 C.A.P.S., Like New; 7010 C.A.P.S. Full Wts., - Light Package - Like New; 6080 w/R.G. - Nice; 210 - New 20.8-38 Tires - Full Wts; 200 w/Cab - $7,850; 180 D. - W.F.E.; Good; D17 Series 4 - w/3 pt.; D15 W.F.E. - P.S. w/Hyd. Loader; D14 WF w/Hyd. Loader; WD - 45 w/A.C. Loader & P.S.

CASE (Used) 2590 C.A.P.S. - 925 Hrs. - Like New; 1690 C.A.P.S. - 100 Hrs.; 1370 C.A.P.S. Factory Duals - Full Wts.; 380 D. w/R.G.; 1070 - P.S. $6,850; 1410 w/R.G.; 930 C.K. w/3 pt.

M.F. 2675 w/R.G. w/1,000 Hrs.; 184-4 w/F.W.D.; 1155 C.A.M.P. - $8,500; 1135 C.A.M.P.; 1135 w/R.G. & Duals; 1130, 1100, 175 D w/R.G.; 90 D.; 65 D.; T030, T030 w/Loader.

FORD 9600 w/Cab; 7600 w/Dual Power - Nice; 5000 D. - Real Nice; TW-20 w/220 Hrs. - Damaged. 901 w/WF; 8N (SOLD)

OLIVER 1855 w/20.8-38 Tires - Original Paint; 2050 - $7,850; 1950 T w/Cab - $5,975; 1650 D W.F.E. w/o Shift - Original; 880 D. W.F.E. & 3 Pt.; 1800 Needs Motorwork.

WHITE 4-210, 4WD w/duals, 3 pt. fully eq., 1600 hrs., real nice; (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $19,900; (2) 2-135 C.A.; 2-85 w/1840 Loader - Very Good.

MISC. AGRI-POWER - 9,000-115 HP - Made by Fiat - 80 Hrs. Like New; DEUTZ 9006; M.M. Vista G1000 w/Cab & Loader.

Tractors Coming In: Used 4630 C.A., nice; JD 2640 w/Hi Low, 38" Tires; Case 2090 C.A., PS; Case 2590, like new, C.A., P.S.; Case 1070 & 970 w/Cab; MF 285D; New IH 5488 w/42" duals, fully eq.

CORNPICKERS: N.I. (New) 324-2RW w/Super Sheller List $15,390 SALE $8,475; (New) 323 - 1R; (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324-2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers; 323 - Like New; 323 Nice - $2,500; 305 & 319 MNTD; JD 237 MNTD; JD 300, w/2 or 3R C.H.

N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

J.D. 5440 S/P w/R.W.D. C.A. - Hydro; 5200 S/P w/R.W.D. C.A. Hydro; 3960 - Elect. Controls; 3800 w/Elect. Controls; 38; 5200 S/P w/R.W.D. - Fire Damaged Cab.

N.H. 890, 782, 770, S717; 717.

FOX Super-D S/P - $4,950; 3310 w/3RN.

GEHL 600 w/2R; I.H. 830 w/3RN; IH 50 w/heads.

FLAIL CHOPPERS: (2) NH Used 38, I.H. 10 & 8; N.I. 4R Stalk Chopper; JD 16A (SOLD).

FORAGE WAGONS: J.D. 716A w/Roof - Real Nice (SOLD); 716A - $3,450; N.H. #8 w/roof, like new; NH #7 w/roof; (2) HESSTON 7316 w/10 Ton Gear - 1 Yr. Old - $4,250; HESSTON #30 Stack Hand.

HAY EQ.: BALERS: J.D. 336W w/Thrower - Real Nice; 346T w/Thrower; 466 - Big Baler For $5,000; JD Round 500 - $3,800. NH 310 w/Thrower; NH 320 w/Thrower; 280 W w/Motor; 280T w/bale chute; NH 275 & 273T w/Thrower; 69; M.F. 12; I.H. 440; N.I. 456 Round Baler.

RAKES: N.H. (New) 256; (Used) 256.

N.I. (New) 406 w/Dolly Wheel - $2,275; (Used) 402.

J.D. 660 w/Dolly Wheel; I.H. 15; M.F. 20 - 3 pt. - 6 Bar.

GRIMM & LELY TEDDERS

HAYBINES: N.H. 1495 S/P Hydro C.A. - 1,100 Hrs. - Real Nice; 1495 S/P Hydro, ½ Cab - Fresh Motor Overhaul; (Used) 489, 488 Nice; (2) 479; 472 (Nice); 461; 467, 7'; (2) 479 for $900 ea.

HESSTON PT-7; 1014-12' Hydro Swing $1,975.

I.H. 990 - $1,000; GEHL 880 - $1,000; M.C. (New) 7E Rotary Scythe - $4,850; (Used) 7E; N.I. 270 Cut/Ditioner $950; 279 - Good; N.H. 1034 Stack Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 737 Direct Cut For 717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; Hay Pickups.

J.D. 8' Direct-Cut Head; 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 7' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adapter plate; 5 JD C.H. harvester adapter plates.

I.H. 2 R.N. Silage For 550-650.

FOX 2 CSB 2RW - Snapper Head; 263-2 RW & 3RN Silage; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

N.I. 761 Pickup.

FIELD QUEEN 1413 Flail Cutterhead, 8'.

PLANTERS: J.D. 7000-(New) 6R Cons. w/Dry Fert., Ins. & Monitor - $12,900; (Used) 7000-6R Cons. Liquid w/No Till; 7000 6-R Dry; 7000-4R Dry & Liquid; 1440-4RW; JD 7000, 8R 30", fully eq. w/no-til, Dry Fert.; IH 800 Cyclo 8R 30" w/liquid Fert., insect, & monitor.

I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor; 400 Cyclo - 6R Liquid - $1,850; 400-4R Dry; #56 - 2RW D.D. - Dry.

WHITE 5100 - 6R Drl; OLIVER 5400-6R Dry w/Fill & Pop. Monitor - No-Till; A.C. 12R No Till Soybean.

DRILLS: JD 8300 (Like New) D.D. 100 Acres; 21x7 D.D. w/Soybean Att; 8300 21x7 D.D. - $3,250; 8200 D.D. 21x7.

I.H. 5100, 21x7 DD w/soybean press whls.; 510, 21x7 D.D. w/Press Whls; 510-16x7 S.D. w/Fert & Grass Seed; 510-18x7.

M.F. 43-22x7 w/Grass Seed $1,875; MOORE 10' No Till, Like New; BRILLION Seeder; N.I. 12' LIME Drill

GRINDER/MIXERS: N.H. 357, 352 - $1,450 (SOLD); I.H. 1150 Nice.

TILLAGE EQ.: PLOWS JD 2+3x #845 Rollover; Oliver 3x Rollover; Oliver 4x Rollover; JD 4x16; Oliver 546 4x- Spring Reset; Oliver 5x Cushion Trip; DMI 5x; I.H. 5x16 Semi-Mount w/Spring Reset; OLIVER 546 - 5x16 Spring Reset; I.H. 700 - 6x16 Spring Reset; J.D. 2500 6x18 Spring Reset; WHITE 549 6x18 Spring Reset On-Land; J.D. 7x; Oliver 566 7x.

CHISEL PLOWS: JD 14' w/Gauge Wheels; Brillion 8'; Athens 9'; JD 150 10'-12'; (New) D.M.I. 12'; I.H. 55-12'; Brady 1000-14'; Sunflower Hyd. Fold 18' - $1,850; J.D. 1600 - 21' Hyd. Fold; (New) Landoll 230 - 23' Hyd. Fold.

DISCS: Crustbuster 10' Flex Offset; Miller 10' Offset; I.H. 370-15'; J.D. - 15'; A.C. 18'; J.D. 220-20' - Hyd. Fold; I.H. 480 - 20'; Kawanee 22'; A.C. 25' Hyd. Fold; JD 230, 20' hyd. fold; Krause 30' Hyd. Fold; IH 490, 21' & 496, 28' hyd. fold, nice.

MULCH TILLERS: M.F. 129 - 11'; J.D. 1710 - 11'; Krause 2800 - 14'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; Brillion 15' w/Inside Wheels; Brillion 21' & 25' hyd. fold, nice.

PACKERS: (New) Brillion - 12'; (New) Brillion 25' - Hyd. Fold; (Used) Brillion 21' - Hyd. Fold; Used 12 & 14' Packers (SOLD).

CULTIVATORS: J.D. 4+6R Front Mount (SOLD); RG4 - 3 Pt.; Littleston 4R-3 Pt.; Brillion 8R Hyd. Fold; Oliver 6R Front Mount; I.H. 4R Front Mount; 12' Field; J.D. 1000-25' - Hyd. Fold; I.H. 20' - Hyd. Fold.

HARROWS: I.H. 12' Drag; J.D. 16' & 20'; OLIVER 16'; Case #100-25'.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Sok-Finisher 12'9" - Like New; I.H. 18' Vibra Chisel; Howard 13' Rotavator; J.D. #400 Rotary Hoe; Bush Hog 7-Shank V-Ripper $1,650.

INDUSTRIAL: CRAWLER LOADERS: J.D. 450C, I.H. 500E Low Hours - Real Nice; CAT 955L, Nice; CAT 933; A.C H-3 w/6 Way Blade; A.C. 500-21' Forklift; J.D. 840 Self Loading Scraper; Case 530 D. Loader/Backhoe; J.D. 3010D. Loader/Backhoe; Gehl 3000 & Bobcat 722 Skid Loaders.

LOADERS & BLADES: J.D. 48, 58, 145, 148, 158, 245; I.H. 2050; 2250; 2350; 2355 (New); FORD 772; White 1840, 1710; Great Bend 700 (New); DUNHAM LEHR Fits I.H. 400-560; Set Of Forks For I.H. 2000 & 2250L; I.H. 8' Blade Fits 400-560; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD; Caldwell 7 & 8', 3 pt. blades; NI & Brady 4R shredders; JD 400, 12' rotary hoes; NH 3 pt. 2' mower.

LAWN & GARDEN: I.H. Cub, Cub 154 & 184 Lo-Boys; Cadet 682 & 128.

J.D. 400, 318, 317, 314, 212, 210, 208, 140, 112.

MISC: (New) Killbros Bins & Running Gears; Artsway 800B w/Elect. Scales - Like New, $6,250; Feedwagon Grain-O-Vator Feed Wagon; N.I. 213 Spreader; 214 Spreader w/Endgate; Bestland Rock Picker; J.D. 65 Blower; J.D. 350 Sickle Mower; (New) Sidewinder 213-13' Rotary Cutter (Incomplete), List $5,885 - As Is $1,650; Bush Hog 12' Rotary Cutter; (New) I.H. #80 Snow-Blower - 3 Pt.; (New) McKee Snow-Blower Front-Mount; TANDEM AXLE FERTILIZER SPREADER; 3 Pt. Hitch For J.D. 630 & 730; J.D. Quick-Couplers; (2) Sets Of Press Wheels For J.D. Drills; (2) New Sets J.D. 38" Cast Whls. & Rim For 4640; I.H. Flat Top Fenders For 706-1466; CABS For Tractors - J.D., I.H. 66 Series; (New) Full Vision Cabs For M.F. 165 Thru 1135; Dual Wheels; J.D. & I.H. Front & Rear Wts.; J.D. & I.H. Roll-Guards.

STRAW CHOPPERS: For J.D. 4400, 6600, 7700; M.F. 510, 760.

TRUCKS: (76) CHEVY 4x4; I.H. Scout 4x4; DELTA 44' Combine Trailer.

MECHANICS SPECIALS: TRACTORS: J.D. 4230 P.S. - Trans; 5020 - Cracked Axle Housing; 4020 Tri; 4320 w/Cab.

I.H. 1256 - Motorwork; 460 Gas w/Loader - Minor Trans. Work; 560, 300; 706 Gas - Trans. Work.

CASE 1410 - Motor; 1212 - Housing.

FORD TW-20 - Housing; OLIVER 1800 - Motorwork; Ford 6000 Commander WF, needs motor, $1,250; JD 2020 gas, PS, $3,200; Ferg. 30 w/Hyd. Loader. $2,250; JD 60, $985; Farmall C, $550.

J.D. 5200 S/P Chopper w/R.W.D. - Fire Damaged Cab.

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Model 540 w/Upper Beater	$5,175	$3,800
Model 560 w/Upper Beater & End Gate	$8,096	$5,995
Model 595 w/Upper Beater & & End Gate	$11,477	$8,750
Model 5100 18x7 Grain Drill Soybean Special w/Grass Seed	$7,724	$5,750
Model 496 22 Ft. Cushion Gang Disk	$14,965	$10,200

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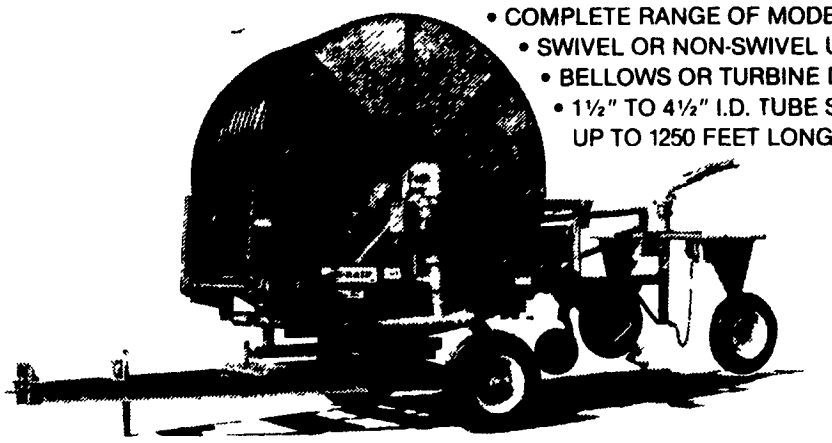

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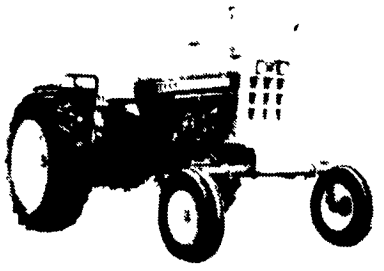

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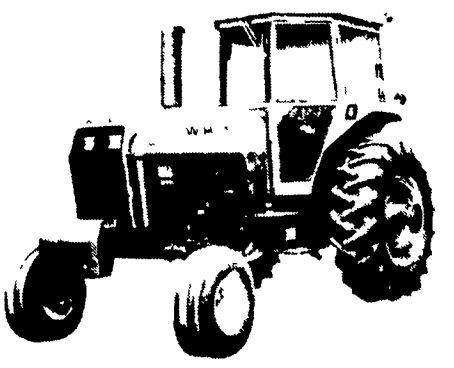

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WE HAVE AN EXCELLENT SUPPLY OF NEW, USED & REBUILT OLIVER TRACTOR PARTS
including

Rebuilt Wide Front Axle Assemblies, Hydra/Power Transmissions, Over/Under Transmissions, Starters, Generators, And Water Pumps. Reconditioned Engine Blocks, Crankshafts, Cylinder Heads, Connecting Rods, Injection Pumps

WE SHIP PARTS UPS — SAME DAY

NOW IN STOCK

REBUILT OLIVER 1655 DIESEL ENGINE
Complete (Direct Injection)

1 YEAR FULL WARRANTY

VISA

FARMERSVILLE EQUIPMENT INC.

MasterCard

RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271
Mon. thru Fri. 8 AM - 5 PM; Sat. 8 AM- 1 PM

Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

MF Massey Ferguson

Customer Appreciation Days

MF Massey Ferguson

Your Business Machines

January 20 thru 25, 1986
8 AM to 5 PM

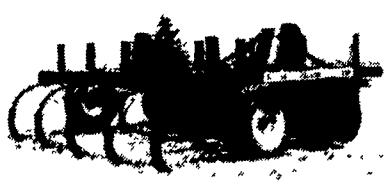
Check Out Our Parts And Labor Discounts

Your Business Machines

Red Hot Deals On Tractors And Equipment

NEW MF 670 4WD TRACTOR
55 HP, 12 Speed Transmission, Cab w/Air & Heater
List Price $32,794
SALE PRICE..... $24,700
CASH PRICE..... $23,100
Waiver till April 1, 1986
OR 9.9% APR Financing For 48 Mo.
OR Cash Discount

USED MF 65 DIESEL TRACTOR
52 HP, 12 Speed MP Trans.; 3 Pt. Hitch, Good Condition
$2,500



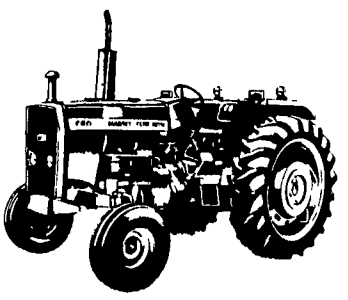
NEW MF 115 SOIL SAVER
Pull-Type, Spring Cushioned Cutting Discs, 7 Tooth Spring Cushion Chisels
List Price $6,206.50
SALE PRICE..... $5,400

DEMO MF 3545 DIESEL TRACTOR
125 HP Turbo Charged Perkins, 16 Speed MP Trans., Electronic Sensing Hyd., Cab w/Air & Heater
List Price $47,549
SALE PRICE..... $25,800
CASH PRICE..... $23,350
Waiver till April 1, 1986
OR 9.9% APR Financing For 48 Mo.
OR Cash Discounts

USED KEWANEE CHISEL PLOW
11 Tooth, 3 Pt. **$550**

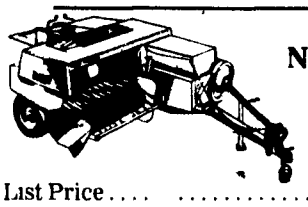
NEW MF 520 DISC HARROW
10 Ft. Cut, 22" Blades
SALE PRICE..... $4,395

USED MF 520 DISC HARROW
10 Ft. Transport, Good Condition
$900



NEW MF 290 DIESEL TRACTOR
65 HP 8 Speed Trans., Aux. Hyd. Outlets, Ind. PTO, 15.5x38 Rear Tires
List Price $22,323
SALE PRICE..... $15,900
CASH PRICE..... $14,900
Waiver till April 1, 1986
OR 9.9% APR Financing For 48 Mo.
OR Cash Discount

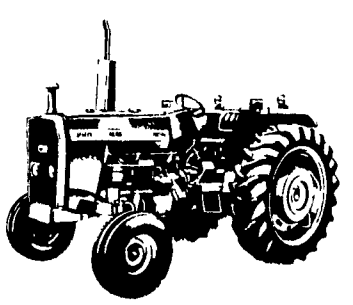
USED MF 620 12 Ft. CUT w/MIDWEST HARROW
Good Condition **$1,950**



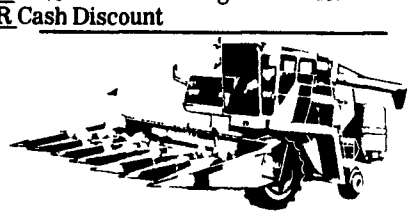
NEW MF 224 BALER
w/212 Hyd. Drive Thrower
List Price $10,893

Call For January Programs And Discounts

USED MF 128 BALER w/THROWER
Good Condition **$3,850**



NEW MF 298 DIESEL TRACTOR
78 HP, 12 Speed MP Trans., Dual Hyd. Ind. PTO, 18.4x34 Rear Tires
List Price $26,699
SALE PRICE..... $18,600
CASH PRICE..... $17,600
Waiver till April 1, 1986
OR 9.9% APR Financing For 48 Mo.
OR Cash Discount



NEW MF 550 COMBINE
354 Perkins Diesel, Hydro. Trans., Cab w/Air, 23.1x26 Drive Tires. Setup For Corn, Grain & Soybeans, Less Head
List $64,957

Call For January Programs And Discounts

USED MF 82 COMBINE
w/Grain Table, Good Condition
$1,200

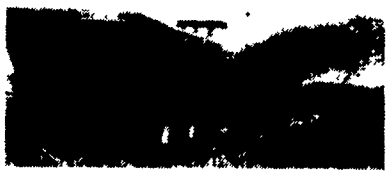
LEBANON VALLEY IMPLEMENT CO., INC.

Richland, PA 717/866-7518

GEHL

CUSTOMER APPRECIATION DAYS, January 20 thru 25, 1986

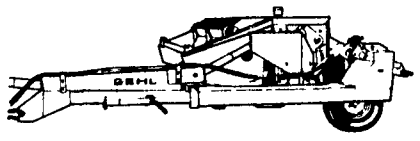
ALL NEW GEHL MANURE SPREADERS HAVE DELAYED PAYMENT TILL SEPT. 1, 1986 OR CASH DISCOUNTS



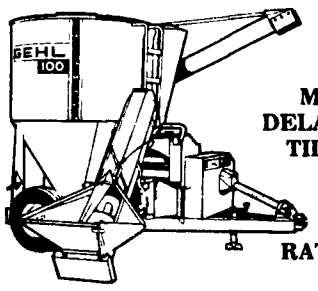
NEW GEHL SPREADERS
(Formerly Hedlund-Martin)
Are Now Available From Us
Call For Prices & Availability

USED NEW IDEA 10-TON SPREADER
w/Tandem Axles, 2 Beaters, Hyd. Endgate, Good Condition
$3,500

MOWER CONDITIONERS



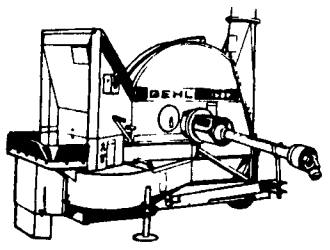
New Gehl Hay Equipment Has Delayed Payment Until Sept. 1, 86 OR Cash Discounts OR Low Rate Financing
- New Gehl 2160 9 Ft. Mower-Conditioner ..... List Price **$9,431**
- No Trade Cash Price **$6,775**



GEHL GRINDER MIXERS HAVE DELAYED PAYMENT TILL SEPT. 1, 1986 OR CASH DISCOUNTS OR LOW-RATE FINANCING

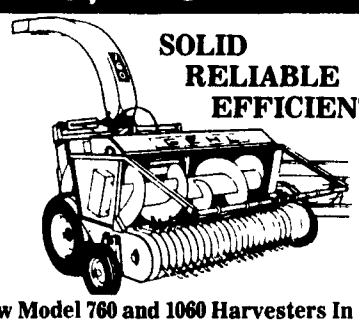
NEW GEHL MX100 HYD. DRIVE
540 PTO **SALE PRICE..... $7,250**
CASH PRICE, NO TRADE ... $6,925

NEW GEHL MX135 HYD. DRIVE
540 PTO **SALE PRICE..... $8,750**
CASH PRICE, NO TRADE ... $8,350



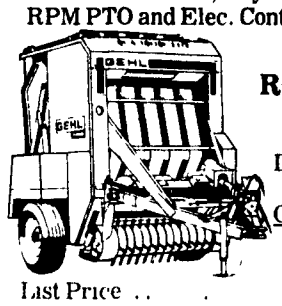
FORAGE BLOWERS
All New Forage Blowers Have Delayed Payment Until Sept. 1, 86 OR

Cash Discount
OR
Low-Rate Financing
- New Gehl FB 1540 Blower w/Heavy Duty 540 PTO Shaft ..... List Price $3,178
  No Trade Cash Price $2,725
- New Gehl FB 1580 Blower w/1000 RPM PTO Drive ..... List Price $3,754
  No Trade Cash Price $3,100

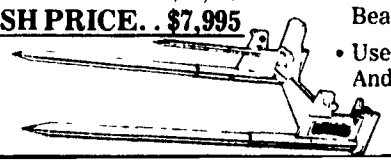


SOLID RELIABLE EFFICIENT

New Model 760 and 1060 Harvesters In Stock - New TR 3038 Cornheads And Hay Pickups In Stock
New Gehl Harvesters Have Delayed Payment Till Sept. 1, 1986 OR Cash Discounts OR Low Rate Financing
Call For More Information and Prices
- Used CB600 Harvester and Hay Head, Being Reconditioned ..... Call For Price
- Used CB1200 Harvester w/3 Row Corn Head, Being Reconditioned ..... Call For Price
- Used NH Super 717 w/2 Row Wide Head $850
- Used IH 650 Harvester w/Cornhead $950
- Used MF 260 Harvester, 3 Row Narrow Cornhead, Hay Pickup, 1000 RPM PTO and Elec. Controls $3,200



GEHL 1460 ROUND BALER
New Gehl Round Balers Have Delayed Payment Till Sept. 1, 1986 OR Cash Discount OR Low Rate Financing
List Price $11,191
NO TRADE CASH PRICE.. $7,995



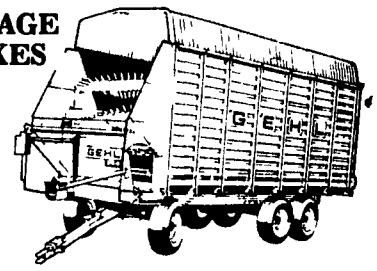
3 PT. ROUND BALE CARRIERS
Heavy Duty
CASH PRICE..... $325

GEHL SKID LOADERS
Models In Stock:
- 3510
- 4610
- 6620

New Gehl Skid Loaders Have Delayed Payment Till Sept. 1, 1986 OR Cash Discounts OR Low Rate Financing. Call For More Information and Prices

USED SKID LOADERS
- New Holland L-778 60 HP Gas Engine ..... Sale Price **$8,700**
  No Trade Cash Price **$7,900**
- Case 1740 40 HP Diesel . Sale Price **$5,800**

FORAGE BOXES



New Forage Boxes Have Delayed Payment Till Sept. 1, 1986 OR Cash Discounts OR Low Rate Financing
- New Gehl 960 6x16 w/Roof And 3rd Beater Less Gear..... Sale Price **$4,800**
  Cash No Trade..... **$4,475**

USED FORAGE BOXES
- Used Gehl 710 6x14, Roof, 3rd Beater and Gear **$1,050**
- Used EZ 6x16 w/Roof, 3rd Beater And Gear **$2,475**

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden Street Richland, PA 17087
717-866-7518

Customer Appreciation Days

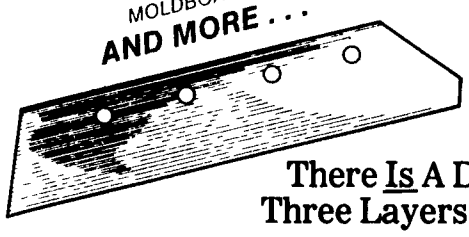
January 20 thru 25, 1986 8 AM to 5 PM

- **10% DISCOUNT ON ALL MF & GEHL PARTS Cash And Carry During The Week Of January 20 thru 25**
- **ORDER OVER $1,000 IN PARTS AND RECEIVE 2% ADDITIONAL DISCOUNT**
- **SPECIAL ORDER PARTS - 10% DISCOUNT With 25% Deposit, Balance To Be Paid On Availability Of Parts**

MF Massey Ferguson

MF Massey Ferguson

SHINS
SHARES
LANDSIDES
MOLDBOARDS
AND MORE . . .



MF Massey Ferguson POWERPART

DIRECT SHIP UNIVERSAL PLOW PARTS

There Is A Difference...
Three Layers Of Steel For:

- LONGER LIFE • SHOCK RESISTANT
- LESS CRACKING

PLOW SHARES

	MF Reg. Price	DIRECT SHIP SALE PRICE
• 475160 M1 Reg. Clipped Wing	$12.66	$7.74
• 475167 M1 Reg. Long	$11.25	$8.20
• 475715 M1 Heavy Duty Clipped Wing	$17.65	$9.16
• 475716 M1 Heavy Duty Long	$20.35	$9.64
• 475823 M1 Reg. Long	$14.50	$9.06

SHINS & TRASH BOARDS
Fits All MF Plows

• 660020M91 Shin	$17.97	$6.83
• 661869M91 Trashboard	$33.05	$10.85

MOLDBOARDS

• 660022M91 14"	$100.50	$47.32
• 660206M91 16"	$104.50	$47.56

LANDSIDES
Fits All MF Plows

• 476536 M1 Short Steel	$15.13	$9.66
• 475155 M1 Long Steel	$22.30	$12.89
• 476381 M1 Reg. Steel	$14.70	$13.40

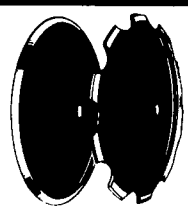
ALL PLOW PARTS NOT ON DIRECT SHIP ARE 20% LESS

TAKING ORDERS FOR SPRING DELIVERY OF ALL OTHER MAKES

Applications Available For:

- Allis-Chalmers
- Case
- Deere
- Ford
- IHC
- Melroe-Morris
- Pittsburgh-National-David Brown
- Stover Chisel Parts
- White-Oliver
- Wil-Rich

15% OFF REGULAR IN-SEASON PRICES



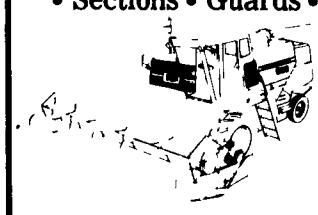
DISC BLADES

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center holes sizes to fit many brands of machines

	Reg.	SALE
• #24000 20" 7 ga. 1 1/8x1¼ Duel Sq.	$19.35	$16.40
• #24072 22" ¼ Thick 1 1/8x1¼ Duel Sq.	$30.50	$26.00
• #1904728M1 22" 6 Ga. 1½x1¾ Sq. Rd.	$26.75	$22.45

MF COMBINE PARTS

• Sections • Guards • Rivets • Belts • Gathering Chains



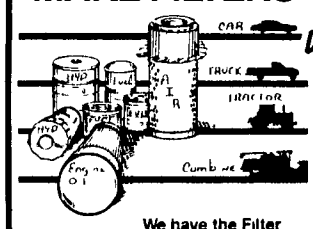
15% OFF Reg. Price

Protect Your Investment
MASSEY FERGUSON PAINT
Increase the resale value of your machine with a new paint job!

20% OFF REG. PRICE
KRYLON PAINTS
All Colors **25% OFF**

ALL MAKE FILTERS

• Lube • Air
• Fuel • Hydraulic



Don't Fall For Look Alikes - USE MASSEY/ FLEETGUARD FILTERS FOR BETTER & LONGER ENGINE LIFE.

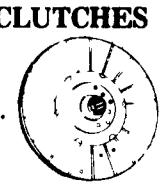
We have the Filter for every application!

FREE: 5 Qts. of Quaker State 15W40 Engine Oil w/Purchase of $25 Worth of Filters

MF MUFFLERS

12% OFF REGULAR PRICE

MF REMANUFACTURED CLUTCHES



- 1904 492 M91 CLUTCH DISC, Fits MF 165, 175, 180, 255, 265, 30, 30B, 31 IND.
  List $114.00 **REMAN. $47.60**
- 1904 489M91 PRESSURE PLATE ASSY. Fits MF 165, 175, 30, 30B, 31IND.
  List $305.00 **REMAN. $114.50**

Call For Other Sizes & Prices!

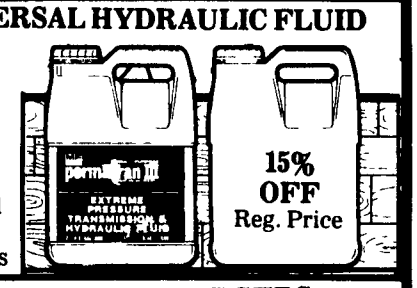
MULTI-PURPOSE LITHIUM GREASE

#841618M1 Tube . . . . . .99 Each
Box of 10 . . . . . $8.50
Buy Case of Grease And Receive A Grease Gun FREE!

GREASE GUNS	Reg.	SALE
• Lever Gun	$9.15	$7.30
• Pistol Grip Gun	$12.90	$10.30
• 12" Grease Hose	$3.00	$2.40
• 18" Grease Hose	$3.45	$2.75

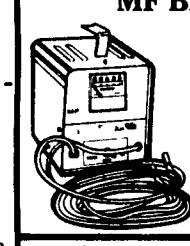
UNIVERSAL HYDRAULIC FLUID

Permatran III Transmission and Hydraulic Fluid
Stock One Oil For All Your Tractor Needs



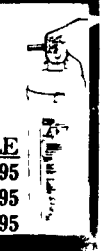
15% OFF Reg. Price

MF BATTERY CHARGERS



- 20 Amp w/100 Amp Boost
  Reg. $116.50 . . . . . SALE $95.50
- 10 Amp
  Reg. $59.95 . . . . . SALE $47.95
- 6 Amp
  Reg. $53.90 . . . . . SALE $43.10
- Trickle Charger
  Reg. $14.95 . . . . . SALE $6.95

MF FIRE EXTINGUISHERS



- Positive On-Off Squeeze Grip Operation
- Brass Valve • Large Waterproof Gauge
- Stainless Steel Handles • Steel Vehicle Bracket • One Year Warranty

	Reg.	SALE
• 20004A91, 2½ Lb.	$21.30	$16.95
• 20005A91, 5 Lb.	$30.20	$23.95
• 20006A91, 10 Lb.	$50.15	$39.95

LEBANON VALLEY IMPLEMENT CO., INC. Richland, PA 717/866-7518

TWISTED CHISEL TEETH

	Reg.	SALE
• 123R-5, 3"x½"x22" Right	$9.50	$7.60
• 123L-5 3"x½"x22" Left	$9.50	
• 124R-5 4"x½"x23" Right	$13.95	$10.75
• 124L-5 4"x½"x23" Left	$13.95	

REVERSIBLE POINTS FOR FIELD CULTIVATORS

	Reg.	SALE
• CS-3 ¼"x2"x11¼" 7/16 Bolt	$2.50	$2.00
• WC134-3 5/16"x1¾"x11½" 3/8 Bolt	$2.45	$1.95
• WC134-7 5/16"x1¾"x11½" 7/16 Bolt	$2.45	$1.95
• WC212 ¼"x2½"x11½" 7/16 Bolt	$2.60	$2.08
• DP216 3/8"x2"x11¾" 7/16 Bolt	$3.35	$2.68
• DP2238 3/8"x2"x11¾" 3/8 Bolt	$3.35	$2.68

ANTI-FREEZE

- Bulk In Your Container . . . . . **$3.15** Per Gal.
- 55 Gal. Drum . . . . . **$2.99** Per Gal.

SHIPPED VIA UPS — WE CAN SHIP YOUR PARTS BY UPS

FREE COFFEE & DONUTS ALL WEEK

HOT SHOT Starting Fluid
$1.50 Per Can
$12.75 Case of 12
8 oz. Can

WHEN YOU NEED A BATTERY CALL US
866-7518

FREE INSTALLATION WITH THIS AD Expires 1/31/86

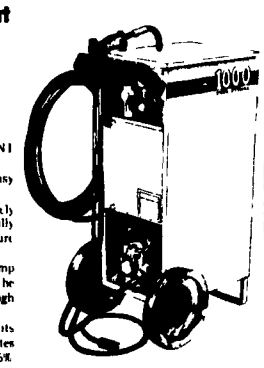
- Charging System Check
- Battery Check
- Terminal Protectors

HEAVY DUTY FARM 640 c c a **69.95** w/Exchange Grp 30H

TAKING ORDERS FOR WESTERN'S PORTABLE POWER WASHER

Removes stubborn dirt and grime in minutes!

Reg. $570.00
SALE **$499.00**

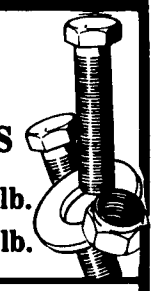


1000 to 1100 PSI AND 9% MORE EFFICIENT MOTOR for ease of blasting away dirt
Hand-cart mobility 1000 to 1100 PSI and easy cleaning/spraying
The HANDY 1000 Utility Power Washer positively mixes soap from the heavy duty tank and powerfully applies them under high pressure as well as pressure rinses from the local water source
The HANDY 1000 features the heavy duty pump and pre-computered mixing as standard features. The large wheels aid the hand-cart mobility over rough terrain and pavement
The HANDY 1000 popularity stems from its ability to use powdered soaps and liquid concentrates equally well. This capability affords savings up to 75%
Options trigger handgun

by Western Manufacturing Corporation

GRADE 5 HARDWARE

For All Your Hardware Needs



HEX MACHINE BOLTS

Grade 2 . . . . . **75¢ per lb.**
Grade 5 . . . . . **$1.15 per lb.**

ALL HARDWARE

- Brooms • Shovels • Rakes
- Fencing Supplies
- Hand Tools • Tape
- Wheelbarrows • Belts
- Heat Tape • Sledge Hammers • Axes
- Forks • Roller Chain • Springs

ALL 10% OFF

QUAKER STATE HDX UNIVERSAL FLEET MOTOR OIL

Multi-Grade
SAE 15W-40

- Bulk . . . . . **$4.30** Gal.
- 55 Gal. Drum **$220**

NO PRICE INCREASE!

REPAIR SHOP SPECIAL

- SERVICE TO MEET YOUR NEEDS
  We will repair any brand farm tractor, skid loader or other piece of equipment
- LAWN MOWER AND GARDEN TRACTOR REPAIRS - MOST BRANDS
- WELDING REPAIRS AND FABRICATING
  Repair and manufacture of loader buckets, shear bars, steel brackets, etc
- HAULING WITH ROLL BACK TRUCK.
- TRACTOR PAINT JOBS 175.00 & UP

10% DISCOUNT On All Labor Charges On Equipment Repair Over $400. This Work Must Be Scheduled The Week Of January 20, 1986. For Details, Ask Marlin, Our Service Manager.

LEBANON VALLEY IMPLEMENT CO., INC.

700 E. Linden St , Richland, PA 17087
(717) 866-7518

Engine Parts
Gaskets
Cylinder Heads
Rebuilt or Exchange
Spring Garden Repair
RD 1, Box 204
Kinzer, PA 17535

6th Year At
PA Farm Show!
KENCOVE
HIGH-TENSILE
FENCE
RD 1 Box 111
Blairsville Pa 15717
412-459-8991

USED EQUIP.

JD 4630 Tractor w/Cab
JD 4440 Tractor w/Cab
JD 4020 Tractor, WF, Side Console
JD 2640 Tractor, w/Loader
JD 2640 Tractor
JD 2440 Tractor w/Loader
JD 2440 Tractor
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 6620 Side Hill Combine
JD 4400 Combine w/4R C.H. & Platform

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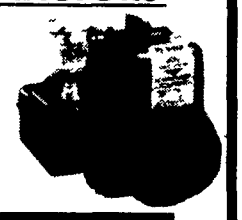
Now is the time to prepare equipment for spring. Avoid spring rush. We stock parts for Briggs & Stratton, Kohler, Kawasaki, Wisconsin gas engines and Lombardini Diesels. Pickup and delivery service available in Lancaster County. All repairs guaranteed



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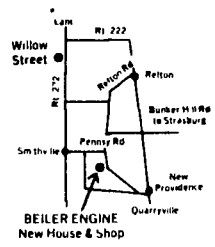

USED TRACTORS

JD 4630 cab & air
JD 4630 w/4 post roll guard
JD 4520 w/cab & loader
JD 4430, cab, air, quad range
JD 4240, used 1500 hrs.
JD 4230 Power Shift
JD 2510
JD 2640 w/loader, like new
JD 2940, excellent cond.
1977 JD 4430 w/cab & air power shift
JD 4320, cab & air
JD 2510 Gas
JD 820 Diesel
JD 4010
JD 4020 w/cab
JD 4020 side console
JD 3020 Diesel
JD 400 diesel backhoe loader
IH 1086 cab & air
Int. 986 cab & air
IH 966
IH 574, like new
IH 806
IH 766 w/cab
IH 656 utility w/loader
IH 666 gas
IH 364 w/power steering
IH 84 hydro, 500 hrs.
Farmall Cub w/new Woods mower
Ford 5000 w/loader
Ford 3400 w/Loader
Ford 3000 w/loader
Ford 335 w/loader
Ford 1700, 200 hrs.
AC 210 diesel
AC 170
AC 185, sharp
AC 200, like new
MF 205, 4WD
MF 20 w/loader
David Brown 1200
Satoh 4WD w/loader, used 200 hrs.
Kubota L305F diesel w/front wheel drive, like new

Gehl 2600 skid steer loader, low hrs.

USED PLOWS

Int. 5 btm. 18" spring reset plow
White 5 btm. 18" spring reset plow
Int. 6 btm. Toggel trip high clearance plow
Large selection of 3 to 7 btm. plows

GRINDERS & MIXERS

Gehl 120
Gehl 95
IH 1150 $1,450.
Gehl 135

USED COMBINES

444 JD corn heads
443 & 643 corn heads
JD 3300 combine
1975 JD 4400 diesel
Large selection of JD 2, 3, 4 & 6 row corn heads
JD 4400 gas, rotary screen

USED PLANTERS

JD 7000 4 row Dry fertilizer
JD SOLD 6 row no till
JD 7000 6 row conservation, liquid
AC 6 row no till

Used Moore no-till grain drill

USED HARVESTERS

Fox 2 row snapper head
Fox Custom 90

Gehl flail head, excellent condition

HAY EQUIPMENT

NH 472 haybine, like new
NH 489 haybine
NH 495 haybine
Gehl 1090 haybine
NH 310 w/thrower
Gehl 1500 Round baler
NH 315 wire baler, nice
Large selection of hay rakes
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 275 baler w/kicker
NH 101 SOLD cker Bale Wagon
NH 1033 Stacker Bale Wagon
NH 1034 Stacker Bale Wagon

NI 244 tandem spreader, like new

MISCELLANEOUS

Int. 510 grain drill
JD 30 ft. Implement Trailer
Large selection of smaller discs
Danco hydraulic rear unloading silage wagon on tandem running gear
Badger 16' Forage Wagon, 3 Beaters w/roof, tandem running gear
New Farmhand loaders for IH and JD tractors
NI 323 1 row picker
NI 2 row wide, 12 roll, $3,000.
Kewanee hydraulic fold 18' disc
1974 GMC w/new 16' grain body & hoist w/air brakes
1979 GMC Brigadier tandem w/20' SOLD ed, 6-71 Detroit diesel engine, excellent condition
Big V snow plow 12' wide

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AC 8070, 4WD, 3 Remotes, 200+ Hours, like new cond. – on our Lot...Come And See!
IH 584D, Row Crop, New Rubber, Nice Cond. – $8,950
IH Farmall "C"
Farmall Super MTA
IH 806 Diesel, WF, 3 Pt., Turbo – $6,250
Farmall Super C w/Fast Hitch & Cult.
Farmall 400
Int. F12 w/cult.
IH 450 Gas, wide Front – $1,750
MF 65 Diesel Utility
IH 240 w/Fast Hitch

TILLAGE:
Athens 11 Ft. Chisel Plow, 3 pt. Hitch, with Ga. Wheels
Brillion 10' Packer Mulcher – $1,150
Brillion Vibra Tine Trailing Field Cult., 16 Ft., Like New
Bush Hog 10' 3 pt Hitch Chisel Plow, Like New!
Pittsburg 11'6" Disk
JD KBA Disk, 9' – $750
JD KBA 12' Disk
JD 1710A 12' Trailing Mulch-Tiller, Like New – $3,950
IH 37, 35 In Various Sizes
IH 540 4-Bottom Semi Mtd. Plow
Int. 360 20 ft. Trailing Field Harrow
IH 315 12'4 Packer Mulcher
Chattanooga 11' Packer w/Transport
1-Bot. Trailing Plow
Vicon 10' Power Harrow – Was $2,500 – Now $1,500

IH PARTS COMBINES:
IH 315 Hydro & Plat
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
IH 227 Cornhead

OUTDOOR POWER EQUIP.
IH 149 w/42" Mower
IH 1250 w/Mower, New Engine
IH 1282 w/42" Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
Cub Cadet 105 w/mower
Model 7016 Simplicity w/42" Mower-Nice Shape!
Cub LoBoy w/Mower Ex. Cond.
Toro Model 58 Professional Reel Mower – $375
JD 210 w/Mower, Nice Shape
AC Big 10 w/Mower
Ford 165 w/Mower-Real Nice
Gravely Model 424, 10 Hp, w/Mower
Mott 72" Mower

HAY & FORAGE:
Int. 56 Blower, Rebuilt
IH No. 51 Forage Wagon
NH 38 Flail Chopper
NH No. 26 Blower
(2) NH No. 27 Blowers (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper (Parts)
1014 Hesston Mower Cond.
NH 256 Rake w/Dolly Wheels
NH 69 Baler w/o Thrower
IH 420 Baler w/o Thrower
IH 430 Baler w/Thrower-$1,500!
(2) IH No. Bale Throwers
IH 990 Mower Cond., 9 Ft.
5026 Elec. Wheel, 8 ton Gears
IH Direct Cut Head For 15 or 16 Chopper
NI Stalk Shredder, 12'
Woods Model 214 14' Folding Mower—needs work
Woods Model 84 3 pt. Hitch Mower, Like New!
Woods Model 72 trailing Mower, Real Nice!
Int. 120 Balanced Head Mower

MATERIALS HANDLING:
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 or 84 Series Tractor
MF 711 Skid Loader w/Bucket Same as IH 3200 B
IH 2000 Loader, Less Bucket, Mount for IH 275

PLANTERS:
IH 2-Row Fast Hitch
IH 455 4-Row
IH 456 4-Row, Nice Shape!
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump – Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH Fast Hitch, 2 Row Cult., Like New

COMBINES:
715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape! – $17,500 Less 15% Cash Discount
810 13' Cutter Bar, Like New
810 15' Cutter Bar, Like New
IH 430 WN 30" Cornhead
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 227 Cornhead, fits 315, 205 or 203
IH 843 4-Row-Narrow Cornhead
IH 844 4 Row Wide Cornhead, Real Nice!
IH 863 6-row Cornhead Real Nice!
NI No. 10 Picker, Fair Shape – $500

MISCELLANEOUS:
McCurdy 20' Trailing Harrogator – $1,300
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor – $750
ARPS 3 pt. 78" Snowblower
New Midwest 9' Grain Body For Truck, – $1,350/$1,250
Vicon 281 Mower Cond.-Extra Special Price! (New, Demo.)
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Walsh 300 Gal. Trailing Sprayer
(2) Haney Reels-Model EPF 3423-24RT, 150 Ft. High Pressure 1½" Hose, 12 Volt Motor (Off Fire Truck) – $550 each.

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Farmall 656 diesel, 3 pt. hitch, good TA
Cab to fit Deutz 80, 100 or 130 models, very nice condition

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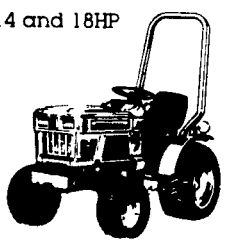

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Case 730
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AC 200
AC 21
JD 4040 w/Cab
AC WD45
Case 1210 4 WD w/Loader
IH 656

USED COMBINES

AC M2 4 Row Head 15' Platform
AC F2
MF 300 13 ft. Platform & Cab
JD 6620 Side Hill 6 Row Corn Head, 15' Platform

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case PARTS VALUE OF THE MONTH

Pre-Season **Service Savings**

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Get Your Tractor In Top Shape For The Busy Season And Save At Off-Season Prices Don't Wait Until The Busy Season Hits, Get Your Case, IH, Or Case International Tractor And Equipment Ready To Roll Now At Special Pre-Season Service Savings (Minimum Of $500 00 In Parts At Selling Price, Offer Expires February 28, 1986)

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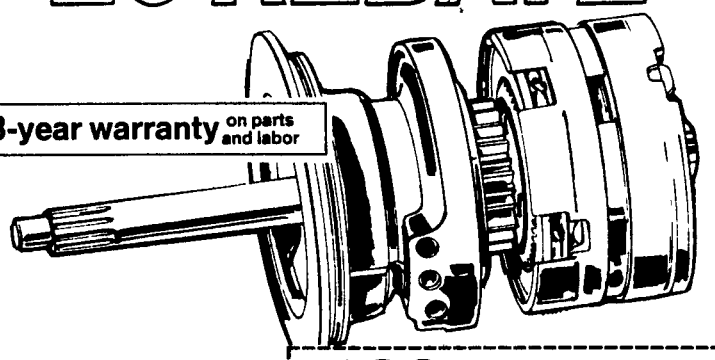
PARTS VALUE OF THE MONTH.

Restore original TA performance and get a

$20 REBATE



During our Parts Value of the Month special, J I Case is offering a $20 rebate when you buy a Remanufactured Case International torque amplifier

And that s on top of the 1/3 off you get when you buy any Remanufactured Case International part That s savings on top of savings!

Case International TAs aren't just repaired they re completely remanufactured at the factory New parts are installed wherever they re needed And finally the TA is rigorously tested to assure you long lasting performance

So perk up your tractor's efficiency and load capacity with a remanufactured torque amplifier And pick up a $20 bill by filling out the coupon

$20 rebate on a Remanufactured Case International TA

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Remanufactured Case International Parts

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Case IH 4494 — 4WD
Case IH 2096 — 2WD
Case IH 1896 — 2WD
Case IH 1594 — 4WD
Case 1835 Skid Loader
Case 1816 Skid Loader
IH 735 6-Bottom Vari-Width — Set Up
IH 720 6-Bottom On Land — Hitch — Set up
IH 496 Disk Harrow, 18'7" — Cushion Gang — 7½" — Set Up — Demo
IH 496 Disk Harrow — 19'1" — 9" Spacing — Cushion Gang — Not Set Up
IH 415 20'10" Folding Packer Mulcher — Set Up — Demo — VT Teeth & 19" Rollers
IH 4621 Vibra Shank Trailing Field Cult. — Set Up — Demo — 21 ft. to 26 ft.
IH 4630 Vibra Shank Trailing Field Cult. — 30 ft.
IH 6511 Consertill — Set Up — Demo — 11 ft.
IH 14 Subsoiler — Set Up — Demo — 5 Shank, 15 ft.
IH 800 4-Row Air — Extra $1500 Certificate On Planters
IH 183 Vibra Shank 4-Row Cult. — Set Up
IH 881 Forage Harvester — 2 Row Head w/ Pickup Attachment — Set Up — No Reasonable Price Refused!!
IH 1190 Mower Conditioner — 9 Ft. — Set Up
IH 540 Spreader — 170 Bushel, Heaped
IH 550 Spreader — 201 Bushel, Heaped
IH 595 Spreader — 365 Bushel, Heaped
IH 375 Tandem Axle 10 Ton Running Gear — Set Up
Straw Chopper For 1420 Combine

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- Case 430
- Case 1070
- Case 1490
- Oliver 500
- JD "A" Tractor
- White 2-105 Tractor
- David Brown 990 w/Loader
- International 574
- Ford Jubilee

LOADERS

- Case 1816C Skid Loader
- Case 450 Crawler Dozer
- NH L425 Skid Loader

TILLAGE

- IH 3-16 Plows (2)
- Int 2-Bot Trailer Plow
- Case Disc Harrow, 10
- MF 3 Bot Plow
- Glencoe 7-Tooth Chisel Plow
- Case 18' Disk
- Case Field Cultivator
- Oliver Disk
- 3 Pt Disk
- Used Cultipacker

HARVESTING EQUIPMENT

- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Case 600 Combine w/3-Row Head
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 326 Husker
- NI 315 Sheller
- NI 729 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1 Row Corn picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 600 Snapper Head
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT

- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1014 Windrower, 14 Ft
- Hesston 1010 Windrower
- Hesston 1090 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- NH 320 Baler
- NH 1010 Hay Wagon

MISCELLANEOUS

- Zimmerman 32 Ft. Elevator
- Zimmerman 40 Ft. Elevator
- King Wise 32' Elevator
- IH 400 Corn Planter, 8 Row
- 3-Row Cole Corn Planter
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- Weaverline Cart, 24 Bushel
- Weaverline Cart, 30 Bushel

NEW SPECIALS

New Idea 404 Wheel Rake . $1,250
Hesston Pit Agitators $1,450

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January 21, 1986
10 A.M.
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TRACTORS
JD 650, 2WD
JD 750 2WD & 4WD
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JD 950, 2WD & 4WD
JD 1050 2WD & 4WD
JD 2150
JD 2350
JD 2950 MFWD
JD 4050 SG, QR
JD 4450 MFWD SG, PS

COMBINES & HEADS
JD 643 Corn Head
JD 444 Corn Head
JD 213 Flex Platform

HAY TOOLS
JD 1219 Mower Conditioner
JD 430 Rd. Baler
JD 327, 337 Balers
NH 316 Baler
JD 660, 670 Rakes

TILLAGE EQUIPMENT
JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 1000 3B Plow
JD 712 Mulch Tiller, 13'

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R & 6R
JD 8200 21x7 Plain Drills
JD 71 Flex Planters

OTHER EQUIPMENT
JD 1065, 1075 & 1275 Wagon
JD 716 Hay Fg. Wagon

USED EQUIPMENT
IH 966 Tractor
JD 620 Tractor
AC 200 w/Cab
ACWD
JD 3300 Combine
JD 237 Picker
JD 16' Grain Platform
AC K2 Combine
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planter w/Liquid Fertilizer
White 5400 No-Till Planter
1,000 Gal. Zero Bulk Tank, $750
JD 346 W Baler w/Thrower

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Badger Manure Spreader, 270 Bu. Capacity w/Tires, Hyd. Drive, Hyd. Endgate, Gratz T Bar Chain **$4,400**
Badger Forage Blower, Model 542 w/Hopper Magnet..... **$2,300**
Bush Hog Wheel Carry Disk Harrow, Cut Out Disk On Front, Med. Weight Disk **$3,575**

USED EQUIPMENT
OMC 330 Skid Loader, Real Good Condition
OMC 440 Diesel Skid Loader. New Flotation Tires. A Real Good Machine
OMC 207 Mower-Conditioner
JD 90 Skid Loader
Weaverline Feed Cart 24 Bu. New Batteries
IH 3200 A, 30 H.P. Skid Steer
IH 550 Manure Spreader w/Hydraulic Endgate & Upper Beater
NH 216 Manure Spreader
NI 213 Manure Spreader New Web, Good Condition
Dunham-Lehr Model 22 Loader, Fast Attach.
JD 400 Grinder-Mixer

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- VH4D, 30 HP, Case Repl. $1995
- VH4D, 30 HP, Bobcat Repl..... $1795
- VH4D w/Clutch Reduction..... $2050

(Repl. Engines in stock to fit most popular skid loaders)

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30% to 44% Off List

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- EY183W, 4.6 HP, Recoil..... $215
- EY25W, 6.5 HP, Recoil..... $245
- EY27W, 7.5 HP, Recoil..... $310
- EY27W, 7.5 HP, 6-1 Reduction $380
- EY27W, 7.5 HP, Pump Shaft..... $305
- EY27W, 7.5 HP, Electric $445

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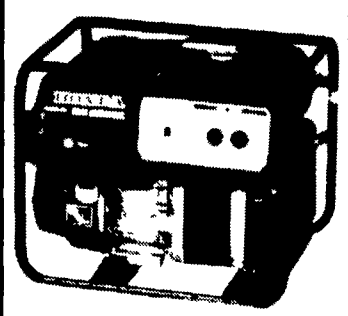
Industrial Generators



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Haybuster Equipment In Stock Now

107 New (Demo)	$7,800	w/1 Yr. Full Warranty
107 Used	$7,100	very good condition
107 Used	$6,800	good condition
1068 Used	$2,800	good drill to start with
Dual Drill Hitch And End Transport Attachment	$700	Like New

We Will Also Have A Listing Of Other Used Equiment At Special Farm Show Prices.

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Check Last Week's Ad On PARTS SPECIALS
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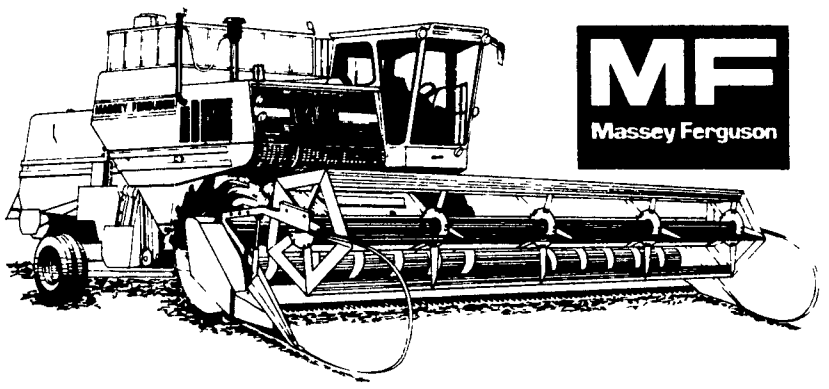

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USED COMBINE SPECIAL
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10% OFF ALL USED COMBINES, TRACTORS & EQUIPMENT...CASH & CARRY

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1980 MF 760 V8 Hydro	$35,000	1975 MF 750 Gear.	$19,000	1971 MF 510 Gas.	$8,500
1980 MF 760 V8 Hydro	$25,000	1975 MF 760 V8 Hydro	$15,000	1971 MF 510 Gear	$8,000
1980 MF 550 Hydro.	$19,000	1975 MF 750 Hydro.	$12,500	1971 MF 410 Gas	$6,500
1980 MF 540 Gear Drive	$18,000	1974 MF 760 V8 Hydro	$15,000	1972 MF 300 Gas	$6,000
1979 MF 760 Hydro 6 Cyl	$29,000	1974 MF 760 Gear	$9,500	1971 MF 300 Gas	$6,000
1979 MF 760 V8 Hydro	$29,000	1973 MF 750 Gear.	$12,500	1970 MF 300 Gas	$6,500
1978 MF 760 V8 Hydro	$22,000	1974 MF 760 Hydro	$14,000	1970 MF 300 Gas	$6,500
1978 MF 750 Hydro.	$22,000	1972 MF 760 Hydro	$15,500	1968 MF 510 Hydro	$9,500
1976 MF 760 V8 Hydro	$18,000	1972 MF 510 Hydro	$12,000	1968 MF 510 Gear	$8,000
1976 MF 760 Hydro	$19,000	1972 MF 510 Gear	$9,000	1957 MH 82 Combine	$600

Above Combines Include Grain Tables, Less Cornheads, 61 Cornheads In 2, 4, 6 and 8 Row Sizes.

- Used JD 7700 Combine w/Grain Head
- Used AC Gleaner C2 Combine

TILLAGE

Glencoe 11' Field Cult.	$1,900
Glencoe 9 Tooth Soilsaver	$6,900
MF 820 19' Wing Disc.	$7,500
MF 820 19' Wing Disc.	$8,500
MF 233 Disc Harrow	$4,100
MF 301 Soil Conditioner	$6,750
Amco F15B 18' Wing Disc.	$12,800
MF 730 Offset Plow Harrow.	$3,500
MF 345 3/16 Reset Plow	$2,800
MF 345 3/16 Reset Plow Demo	$2,500
MF 43 2/16 Plow	$1,150
MF 43 2/16 Plow Demo	$1,050
MF 43 3/16 Trip Plow	$1,650
MF 880 6/16 Hyd. Reset.	$6,500
MF 880 4/16 Hyd. Reset.	$1,200
IH 550 4/14 Semi-Plow 2 @	$650
Oliver 46 3/16 Plow	$425
Semi-Plow 5/16	$700
Brady 10' Chisel Plow	$1,800
IH 45 3 Pt. Field Culti.	$975
Bush Hog Offset Disc Harrow.	$4,000
Kewanee 730 Wing Disc	$1,900
Dunham 12' Cultipacker	$1,290
McConnell 12' Field Cultivator	$900
Hesston 3 Row Harvester Head	$1,100
NH 818 SP 2 Row Forage Harvester	$1,900
Brillion 12' P.T. Field Cultivator.	$1,100
Oliver 565 4-16 Semi Plow.	$900
John Deere F-350 5-16 Hyd. Reset Semi Plow	$2,200

USED TRACTORS

MH Pony w/Plow & Culti.	$1,400
MH Pony w/Plow & Culti	$1,600
IH 574 Diesel Std.	$4,800
MF 175 D MP JB	$4,500
MF 175 D MP Std.	$4,300
MF 178 D	$4,800
(2) MF 1135 MP No Cab.	@ $9,000
MF 1155 MP & Cab.	$9,000
Ford County 1164 4 Wheel Drive	$6,800
MF 11 Industrial Shovel Loader	$9,500

HAYING & MISC. EQUIPMENT

E.Z. 16' Forage Box & 12 T. Gear	$5,700
Mott 72" Flail Mower	$1,575
Tye No-Till 10' Drill.	$8,500
MF 33 17 Run Grain & Fert. Drill	$2,200
MF 925 9' Haybine	$2,800
Belt 16' Aluminum Elev. w/Motor	$750
Walsh 3 Pt. Sprayer w/Boom	$850
Danuser Wood Splitter	$700
Trail Blazer 3 pt. Crane	$129
(2) Trail Blazer 3 pt. Ball Fork	$195
MF 226 8' Scraper Blade.	$535
York 7' 40BC Scraper Blade.	$375
York 7' 55BC Scraper Blade.	$590
MF 222 5' Scraper Blade.	$310
York RW 7' Landscape Rake.	$1,275
Zimmerman 8 Ton Gear.	$680
MF 5 5th Wheel Steer Gear	$350
E.Z. 6 Ton Gear	$525
E.Z. 1074 10 Ton Gear	$1,150
Brady 12' Flail Chopper	$800
King Kutter 6' Rotary Cutter	$500

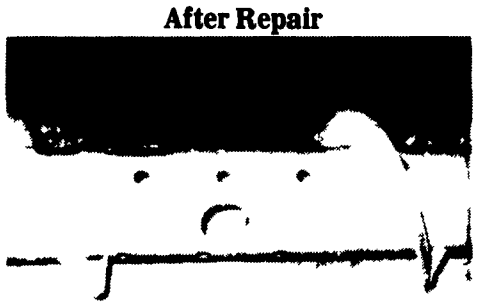
DEMO & RENTAL TRACTORS

MF 4880 4-Wheel Drive	$49,000	MF 670 Cab	$15,700
MF 3545 Cab M-P.	$28,500	MF 250 8 Speed	$9,750
MF 670 Cab 4-Wheel	$20,500	Northwestern 81 Skid Steer w/Bucket	$14,500

SCHMIDT "HEAVY DUTY REBUILT TABLE AUGER"

Before Repair

After Repair



Damaged Or Broken Combine Table Augers Rebuilt Same As New!

No need to purchase a new auger when you can buy one that's rebuilt! Or have your auger repaired for less than one half of the new auger price!

Rebuilt augers are guaranteed to run true! "They are jig repaired."

Call Now For Appointment And Price Quotation To Have Your Auger Repaired

BIG FACTORY DISCOUNTS

RED HOT DEALS ON WHEELS

MF FINANCING
As Low As 7.9% To 9.9% APR
Offer Good For A Limited Time Only

MF Massey Ferguson

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Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23 1½ miles Northeast of Leola on the No Groffdale Rd. 1 mile on the right, opposite Groffdale Mennonite Church

1 FARM EQUIPMENT

DEPENDABLE MOTOR CO.

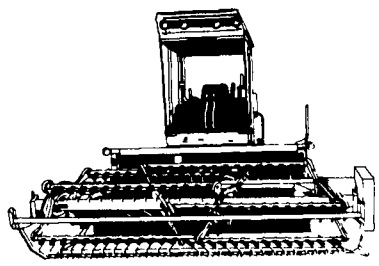
East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #320 w/#70 Thrower		$12,800
NH #316 SS	ONE	$8,600
NH #256 Steel	ONLY	$2,345
NH #456 Mower		$2,470
NH #718 Harvester (Demo)		
NH #28 Blower		$2,915
NH #770W Pickup Head		$1,925
NH #8 Forage Box, 3 Btr. and Roof	Cash	$4,800
NH #355 Grinder SOLD, Hydraulic Drive		$7,430

Plus Big Cash Savings On All Equipment

1 ONLY Demo Model 1495 Haybine. Self-Propelled, Fully Equipped



LIST	$37,713
OUR PRICE	$30,000
Less WBD	1,300
TOTAL	$29,200

All This Plus
0% Financing—24 mos.
or
No Financing Til 9/86
or
$1,500 OFF for Cash

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

- Waiver of Finance On All New & Used Hay Equipment Till July 1, 1986

OR

- Cash Rebates Up To $7400

OR

- 0% Financing - 12 Mos.
- 0 % Financing - 18 Mos.

- Waiver of Finance On All New & Used Forage Equipment Till September 1, 1986

OR

- 0% Financing - 24 Mos.
- 8.9% Financing - 36 Mos.
- 10.9% Financing - 48 Mos.

DEPENDABLE IS MORE THAN OUR NAME

Sales, Parts And Service For...
★ CASE UTILITY ★ GEHL ★ VICON ★ WFE
★ KUBOTA ★ HESSTON ★ SAME

TRACTORS

CASE 400, 50 Hp	$ 1,800
CASE 1190, 200 Hours	$ 8,500
CASE 1212 w/Power Shift	$ 7,900
CASE 1410 w/Loader	$10,200
IH 656 w/Loader	$ 7,000
IH 656 Diesel	$ 7,000
IH 1468 w/Cab	$ 9,900
JOHN DEERE 4020	$ 9,800
JD 70, Excellent Condition	$ 3,200

HARVESTERS

Gehl CB600 w/2 Row Head & Pickup	$ 2,500
Gehl CB600 w/2 Row Head & Pickup	$ 2,000
Gehl CB600 w/2 Row, 3 Row & Pickup	$ 3,250
MF 260, 2 Row, 1000 PTO	$ 1,800
JD 35, 1 Row, 2 Row & Pickup	$ 1,995
Hesston 7655 Side Dump, Like New	$48,200
NI Super Sheller, Extra Narrow Row	$ 5,400
IH 205 Combine, 13' Head, 3 Row Narrow	$ 5,000

SKID STEER LOADERS & BACKHOES

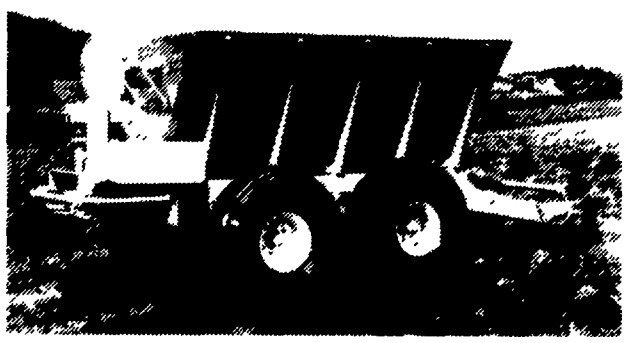
Case 1737	$4,500
Case 1537	$3,000
Case 580C Backhoe Loader w/Cab	$19,500
Case 580C Backhoe Loader w/ROPS	$17,500
Case 580C Backhoe Loader w/Cab	$18,000
Int. 260 Industrial Loader, Hydrastatic Drive	$10,500

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa
Phone 717-263-8424

Buy direct from the C.U. Stoltzfus Mfg. factory and save on every spreader need.

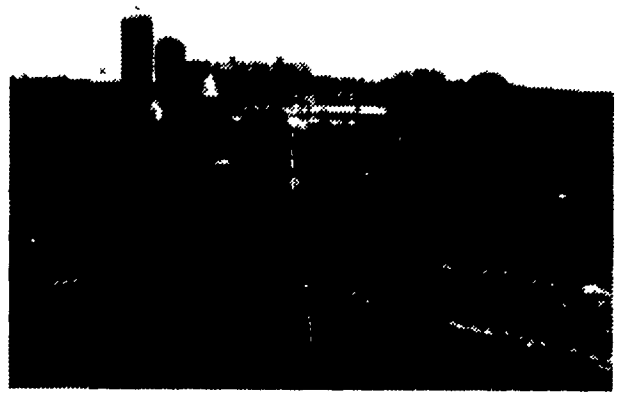
WET LIME SPREADER



Some farmers are saving as much as $16 per ton spreading their own lime!

- Spread it when you want it spread
- Rugged construction, built to last
- Great for fertilizer, poultry waste and similar materials
- Truck mounted in 9' to 14' lengths
- Tractor drawn in 2, 5, or 8 ton models

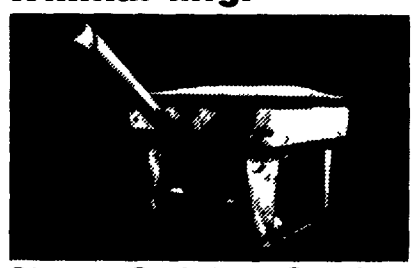
SOWER SPREADER



With today's prices you can't afford to waste fertilizer.

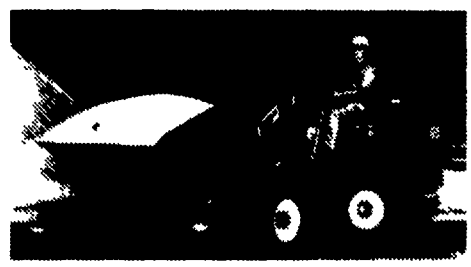
- Accurate, even spreading, as much as you want right where you want it.
- Designed for all types of dry, free-flowing materials such as dry lime, rock phosphate and fertilizer.
- Truck mounted or tractor drawn

Outstanding values from Willmar Mfg.



Six ton Stainless Steel Tender

Five ton Spreader/ Tender Combination



One ton Articulating Loader

C.U. Stoltzfus MANUFACTURING, INC.

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P.O. Box 527, Morgantown, PA 19543

"Leaders in the field for over a quarter century."

SEE US AT FARM SHOW BOOTHS 580 & 581

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

WATCH BRIGHT NEW STARS DEBUT ON SCREEN AT OUR JOHN DEERE '86 FARMING FRONTIERS

New tractors, forage harvesters, disks, and even a new combine will be shown in big screen action at our John Deere Farming Frontiers We're introducing the economy, efficiency, and practicality available with new John Deere machinery And we'll be spelling out how our dealership offers you those same three advantages from a company with

LEADERSHIP YOU CAN COUNT ON

MONDAY, JANUARY 20, 1986
Continuous showings starting at 8:30 AM
Last complete showing at 1:15 PM

FARM & HOME CENTER
1383 Arcadia Road
Lancaster, Pa.

Snack Lunch 10:00 AM - 1:00 PM
Door prizes will be awarded throughout the day. (You must be present to win.) You must register at the store, during the week, for the grand prize, a John Deere #2 Power Blower.

Inquire about our "Winter Repair Special" on agricultural tractors and implements. See Roy Dagen.

Also inquire about our "Spring Tune Up" program for lawn tractors and mowers. See Chris Brubaker.

86 JOHN DEERE FARMING FRONTIERS

A DIRECT PHONE LINE TO OUR PARTS DEPARTMENT

1-800-524-3276
(1-800-LBI-FARM)

—SERVING PENNSYLVANIA CUSTOMERS—

JDFP FINANCE TERMS:
APPROVED CREDIT
Used Utility & Row Crop Tractors
Waiver to March 1, 1986

Used Hay & Forage Equipment
Waiver to Sept. 1, 1986

Used Combines
Small Grain-**Waiver to June 1, 1986**
Corn & Soybean-**Waiver to Sept. 1, 1986**

Used Corn Planters
Waiver to April 1, 1986

JOHN DEERE GREEN LIGHT SERVICE TAKES THE WORRY OUT OF BEING BUSY...

Especially when the weather doesn t cooperate That s when the season seems shorter you get busier and equipment downtime costs more

But when you take advantage of our Green Light Service especially the off-season specials like the one we re having right now you can roll into the field and not worry so much about unexpected downtime Because we will have inspected for the unexpected And troubleshooting in the shop is a whole lot more affordable than finding trouble in the field Especially when you re busy

So call us today and check out our Green Light Service Specials Then you won t have to worry about it later when things get busy

WINTER REPAIR SPECIAL
FREE ENGINE OIL CHANGE
WITH TRACTOR REPAIR WORK
$100 MINIMUM

10% OFF
On all John Deere Service Work
On Farm Tractors and Farm Machinery -
No Minimum - Thru March 1, 1986

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHN DEERE PARTS USED PERFORMING THE JOB.
◄ FIELD SERVICE EXCLUDED ►

By Appointment Only
Sorry we cannot offer discounts on credit sales
Repair Financing Available Thru JDFP
Credit Approval Required
Phone 717/291-1046

Come See The Boys In The Parts Dept.! Russ, Phil, Rick, Ray & Scott For Big Savings Jan. 20-25, 1986

SAVE, SAVE, SAVE ON MOLDBOARD PLOW PARTS	
*John Deere List Price SAVE 6% Landis Bros. Cash Price SAVE 25%	Equal 31% Savings
Check These other Truckload Specials	**SAVE!**
*Plow, Shares, Shins, Landslides, Moldboards	31%
Batteries	25%
Disk Blades, "Quantity Discount"	20%
Roller Chain & Links	20%
Hyd. Cyl., Hoses, Tips & Adapters	20%
Grease Tubes	20%
Seat Kits	20%
Work Gloves	20%
Corn Planter Parts	15%
Engine & Hydraulic Oil	15%
Paint	15%
Hand Cleaner	15%
5 Gal. Gas Cans	15%
Battery Chargers	15%
High Pressure Washers	15%
Most Other Parts & Hardware In Store	10%

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

1 FARM EQUIPMENT

JOHN DEERE bobcat®

BACKHOE LOADERS

JD 500C, Rops, Canopy, Tag 5077 ..... $17,000

JD 310, Rops, Canopy, Tag 5073 ..... $7,200

JD 410D, Rops, Canopy, 1984, Low Hours Excellent Condition $37,000

Ford 555 Tag 5057, 1978 Rops, Cab, Heater, Lights, 18" Backhoe Bucket $19,000

Ford 4500, 1975, Cab, Tag 2485 ..... $11,000

IH 270A, 1979, Rops, Canopy, Needs Trans. Work, As Is $9,500

IH 270A Tag 5072, 1979, Rops, Cab, Excellent Condition $15,000

CRAWLERS

JD 450C Crawler Dozer, 1977 Excellent Condition $21,000

JD 350C Wide Track LGP, New Undercarriage, Excell. Cond. $26,000

JD 350B Crawler Dozer, 6 Way Blade, Rops Canopy, Tag 1716, Completely Rebuilt $18,000

CRAWLER LOADERS

JD 655, 1984, Low Hours Excellent Condition, Tag 5074 .. $68,000

SKID STEER LOADERS

Bobcat 600, No Rops $2,500

Bobcat 610, 1977, Reconditioned, Standard Tires $4,400

Bobcat 643, 1983, 900 Hours $8,500

Bobcat 843, Late Models, 6 To Choose From, Low Hours ..... Call For Price

Call JIM NIXON for Prices, Information

LCL Construction Equipment
2590 Unionville Pike
Hatfield, PA 19440
(215) 362-2510 (215) 242-5757

USED COMBINES

Waiver of Interest till September 1, 1986

- '81 JD 8820 4 wheel drive, factory duals, 1270 hrs., with 220 flex cutter. Excellent Shape. **$62,500**
- '71 JD 7700 w/15' cutter bar
- '75 JD 7700 - Rotary Screen, 16' Platform
- '77 MF 510 w/16' cutter bar & 4 row corn head $7,500

CORN HEADS
Good Selection of John Deere
443-444-643-644-843
Cornheads

USED TRACTORS

Waiver of Interest Till April 1, 1986

- '81 DX 120 Deutz w/18.4x38 Tires
- '79 IH 184 Low Boy w/60" Woods Mower
- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to **$19,500.**
- '80 JD 2440 w/145 Loader

CORN PLANTERS

- AC 770 6 row air planter, liq. fert., monitor, insect.
- Int. 8 Row 30, 3 pt. Cyclone Planter

MISCELLANEOUS EQUIP.

- JD 115 disk harrow, 10' 2" w/ Midwest harrow, like new, done 20 ac.
- JD 210 disc harrow 14'3", Midwest Buster Bar attach.
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch

W.N. COOPER & SON, INC.
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Chestertown, MD
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case IH

As part of our Pre-season Service Savings Program, we are offering a discount of 10% on parts & labor when work is done in our service center on IH & Case equipment, minimum of $500. Be ready for the coming season and save money too

A Fresh Team For Today's Farmer!

NEW TRACTORS

Case-IH 2096 W/Cab

NEW TILLAGE EQUIPMENT

IH 5507 3 pt. Chisel Plow
IH 5509 3 pt. Chisel Plow
IH 5511 3 pt. Chisel Plow
IH 475 12' Disc Harrow

NEW PLANTING & SEEDING EQUIPMENT

IH 800 6R Air Planter
IH 800 4R Air Planter
IH 5100 16x7 Plain
IH 5100 18x7 Plain

NEW MATERIAL HANDLING

IH 540 Spreader
IH 560 Spreader

NEW HAY & FORAGE EQUIPMENT

IH 435 Baler w/Thro
IH 86 hay Rake
IH 1190 Mower Cond 9'
IH 3450 Round Baler

USED TRACTORS & EQUIPMENT

IH 1086 w/Cab	$20,950	Cultipacker 9'	$300
IH 986 w/Cab & Duals	$19,500	McCon. 16' Trans harrow	$1750
IH F-400 G	$2250	IH 531 3F 14" 3 pt Plow	$475
IH Super M w/loader	$1850	IH 540 4F 16" Plow	$1150
IH F-460D w/2 pt.	$2350	IH 550 5F 16" Plow	$1250
Dual Whl. attach 18.4x38 w/tires	$750	IH 55 11' 2R 3 pt Chisel	$875
Dual Whl. attach 18.4x34 rims	$650	IH 710 5F 16" Plow w/Cyl	$2250
IH 843 4R Narr. Cornhd	$4850	E-Z Flow 12' Fert & Lime Spreader	$650
IH 810 13' Grain Hd.	$1250	IH 510 SD 16x7 Drill	$3500
Oliver 18 Pull Combine	$650	JD FB 13x7SD Drill	$850
NI 323 1R Corn Picker	$2650	IH MF SD 13x7 Drill	$300
IH 46 Baler w/Thro	$1250	IH 56 4R Planter	$950
Gehl CB 600 Forage Harvester w/hds	$3850	IH 400 4R Planter	$950
IH 61 Forage Box w/roof	$1150	IH 400 6R Planter w/Insect	$1750
Pitts 12' disc harrow	$1950		

NEW GRAVITY BEDS & RUNNING GEARS

E-Z Trail 8 ton running gear w/tires & QK-hitch $900
E-Z Flow 170 bu gravity bed $600

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CHOOSE HOW YOU WANT TO SAVE

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131 PTO HP

5.0% Financing
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Interest Waiver Till January 1, 1987
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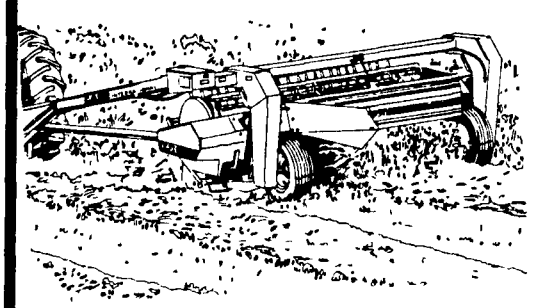
Big Cash Discounts

On CASE IH Tractors And Equipment

FAST-CURE HAYMAKER!



Case International 1190 Mower Conditioner

You'll preserve more nutrition when you cut fast crush and crimp hay the 1190 way Crop feeds straight in even on rough ground since rolls are mounted on the header not on the frame

- 7 and 9 ft sizes
- Over the top frame design for unrestricted hay flow
- Long wearing full length conditioning rolls
- Clear slugs from your tractor seat

WINTER SERVICE SPECIAL

SAVE 10% on parts when work is done in our Service Center

Offer Good Through Feb. 15, 1986

See All The Case IH Tractors And Equipment At The FARM SHOW Then Come See Us And Make The Best Deal Ever!

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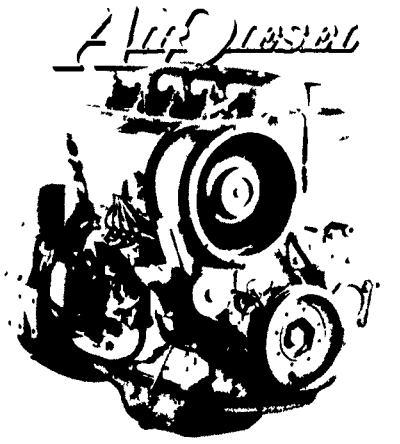
30 YEARS AGO Our Dad Bet His Future On This Unconventional Diesel Engine... HE WON!



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Sat. 7 30 A.M - 4 00 P.M.

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ON TRACTORS, COMBINES, and IMPLEMENTS

Low prices....Low finance...TPD Waiver
(***Applies to Tractors and Combines only)*

Sale on until JANUARY 31, 1985.

COMBINES

1978 Gleaner M2 w/cab air 15 grain & 438 C H
Gleaner F2 Diesel w/cab 13' grain & 438 corn heads
Gleaner FKS w/cab, 13 grain & 438 corn heads
Gleaner KKS w/cab, 10 grain & 238 corn heads, EX CELLENT!
Gleaner CII w/12 grain & 438 corn heads
Gleaner E w/cab, 10' grain & 238 corn heads
JD 45 w/both heads
IH 315 w/cab, grain & corn heads
IH 93 w/10' grain head
NI Uni-System 702 w/717 combine, 4-row corn head

MISC

(2) Weaverline 330 Silage Cart 30 BU w/automatic charger, EXCELLENT!
(2) Weaverline 224 Silage Cart 30 BU w/automatic charger, Rebuilt!
Behlen Grain Dryer w/engine

TILLAGE

AC 4B 3 pt Plow
AC 3B 3 pt Plow
JD 2600 5B Automatic Adj Plow w/spring reset, like new!
JD 13' Transport Disc
JD 10' Transport Disc
Oliver 6B semi-mt Plow
MF 520 10' Disc, like new!
Pittsburgh 13' Transport Disc
AC 9' Transport Disc
Kewanee 10' Mulcher
Brady 630 Shredder

MANURE SPREADERS

(2) NI 214, Liq pan, 210 BU, Excellent!
Farmall 550, Hyd Endgate, 200 BU
(2) NI 218, Liq pan, 300 BU
NH 519, 200 bu w/Hyd End Gate-A1
NH 513, 165 bu -nice
NH 510, 3 beater, 165 BU
NH 676, Hyd Endgate, 320 BU
FarmHand w/Hyd Endgate 125 BU

TRACTORS

JD 2750 D, w/40 hrs like new!
JD 2630 D, Excellent!
JD 3010 D
JD 3010 Gas
JD 720 Gas w/3 pt
JD 630 w/wide front end
(2) JD 60 Gas
AC 190XT D w/cab
AC 185 D
AC 180 D
AC D19 D
AC D17 D
(2) AC WD Gas
AC CA
Farmall 460 D
Farmall 400
Farmall H w/loader
Farmall A w/1-B Plow & 1 row cultivator
MF 180 D w/loader
MF 50 Gas w/loader
Oliver 1855 D wide front end Excellent!
Oliver 500 D w/3 pt

Coming Up
OLEY Open House
Thursday & Friday
January 23 & 24
—— Watch For Details Next Week

Plugston Implement Inc.

Chambersburg, PA 17201

NEW JOHN DEERE

JD 4250, PS, SG, MFWD
JD 4250, PS, SG
JD 2550 MFWD
JD 2350 MFWD
JD 1450
JD 3950 Fg. Harv.
JD 327, 337 & 347 Balers
JD 530, 430 & 330 Rd. Balers
JD 7000 4 & 6R Consv. Planter
JD 215 Disc
JD 8300 18x7 Drill
JD 716A Fg. Wagon

USED JOHN DEERE

JD 3020 Low Profile
JD 3010 Tractor
JD 2940
JD 2940 w/MFWD & 260 Loader
JD 1530
JD MT w/cultivators & plow
JD 300 Husker w/2 Heads
JD 830 Mower Conditioner
JD 1326 Mower Conditioner
JD 3800 Forage Harvester
JD 2RN & 2 RW C.H.
JD 336 Baler
JD Transport Disc
JD 216 Fg. Wagon

OTHER NEW ITEMS

Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower
Bobcat 743 & 843
H&S 295 Spreaders
Demco Sprayer 600 gal.

NEW NEW HOLLAND

NH 326 & 311 Balers
NH 849 Rd. Baler
NH 489 & 499 Haybines
NH 555 Skid Steer Loader
NH 900 Fg. Harvester
NH 302 & 307 Spreaders

USED NEW HOLLAND

NH 495 Mower Conditioner
NH 1495 SP Haybine
NH 479 Haybine
NH 2R Snapper Head for Fg. Harv.
NH 258 Rake
NH 26 Blower
NH 329 & 518 Spreaders
(2) NH #8 Wagons
NH L35 Skid Loader

OTHER USED ITEMS

Hawk Built Tandem Tank Spreader
NI 208, 214 & 217 Manure Spreaders
White S400 6RN w/no-till
IH 1190 Mower Conditioner
Hesston 1014 & 1090 Mower Conditioners
Owatonna 235 12' Swing Tongue Mower Conditioner
Lilliston No-till Drill, excel. cond.
IH 3 Bottom Spring Reset Plow
Ford 530 Baler w/Thrower
Fox 3000 Harv. w/Heads
Case 1845 Dsl. Skid Loader
Dion Fg. Wagon

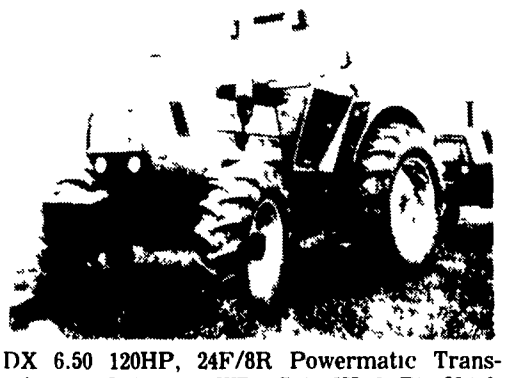
I-81 Exit 8
3213 Black Gap Road
Chambersburg, PA 17201

717-263-4103
717-532-6951

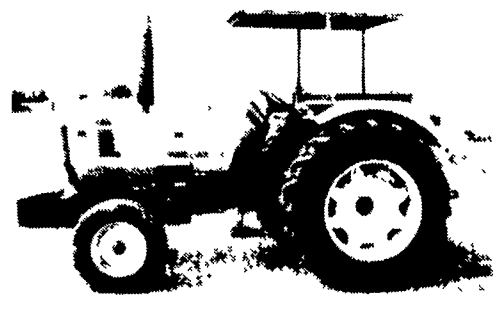
JOHN DEERE NEW HOLLAND bobcat

D3607 33 HP, 8 F/2R Transmission, 540 Independent PTO, Remote Hydraulics, Cat. I 3 Pt Hitch

DX 7.10 145 HP, 36F/12R Powermatic Transmission, Cat. III 3 Pt. Hitch, 18,739 Lb. Lift Capacity, 27.3 GPM Hydraulics.



DX 6.50 120HP, 24F/8R Powermatic Transmission, Optitrac 4WD, Cat. III 3 Pt Hitch With 14,330 Lift Capacity, 24 0 GPM Hydraulics

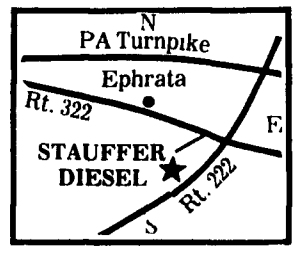


DX 3.30 51 HP, 8F/4R Syncromesh Transmission, Differential Lock, Independent 540 PTO, Cat. I 3 Pt. Hitch, 5,291 Lb Lift Capacity, 13.5 GPM Hydraulics

Stauffer Ag Division

Div. of
Stauffer Diesel Inc

NEW LOCATION AT RT. 222/322 INTERCHANGE
R.D. 3, Box 659B Pleasant Valley Road
Ephrata, PA 17522
(717) 738-2500



Do Yourself A Favor

Stop in to see and test drive the best tractor your hard-earned money can buy. We have tractors in stock from 33 to 145 hp, 2 and 4 wheel drive. With this variety, we can meet your every need. Also, you not only get a quality tractor, you also have an experienced staff and unequaled parts distribution to back it up.

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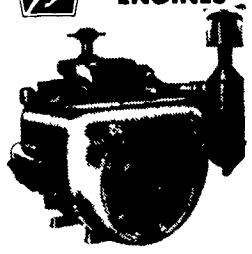
Get your Deutz tractor checked and repaired by our factory trained staff during our Winter Special

10% Parts Discount On All Tractor Repairs Over $500

Plus 30, 60 or 90 day payment terms with approved credit and 25% down payment.

Offer ends February 28, 1986

NEW & USED ENGINES



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- Engine Application Engineering
- We Make Service Calls

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Used 2 Cyl. Hatz Diesel Engine, Good Condition
$995

WES STAUFFER ENG.
Box 659, RD #3
Ephrata, PA 17522
(717) 738-4215

USED EQUIPMENT

TRACTORS
Case 1390 AC 170
Case 1175
JD 60
JD 2640
IH 84 Hydro

SPREADERS
NI 213 NH 675
NI 214 NH 679
NI 224 JD 54
NI 354
Martin Scavenger

MISCELLANEOUS
Gehl 1580 blower
10 foot chisel plow
Woods 15' mower
Mechanical trans-planter
JD 1240 planter 4R
Gehl 99 Blower
IH Grain Drill
Badger Box
IH 400 planter 4R
NH 8 Forage Box
AC 600 Planter 6R
JD 7000 Planter 6R

NEW IDEA
838 Uni Husker
325/329 Picker
Sheller
270 Cut Ditioner

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA. 17566
PHONE: 717-786-3521

BUSH-HOG · NEW IDEA · GEHL Gets into your system · case · HEDLUND MARTIN

PUMP SALE

- 4" Gorman-Rupp Trash on base or w/motor
- 30 h.p. Deming Turbine
- 4" Marlow on base for electric drive
- 4" Hale w/Wisc. engine on trailer $1,595
- 4" Gorman-Rupp w/Willys on trailer $1,895

NEW & USED Parts & Service
Gorman-Rupp, Hale, Berkeley, Marlow, CMC, Hypro, Cat

PVC PLASTIC PIPE

REYNOLDS ALUMINUM PIPE

Irrigation, Repairs & Gaskets for: RACE, WOSCO, WADE, IRRECO, CHAMPION, SHUR-RANE, McDOWELL, RAINBOW, A-M AND OTHERS

SPRINKLERS: Rainbird, Nelson, Skinner

MURPHY SAFETY PUMP CONTROLS

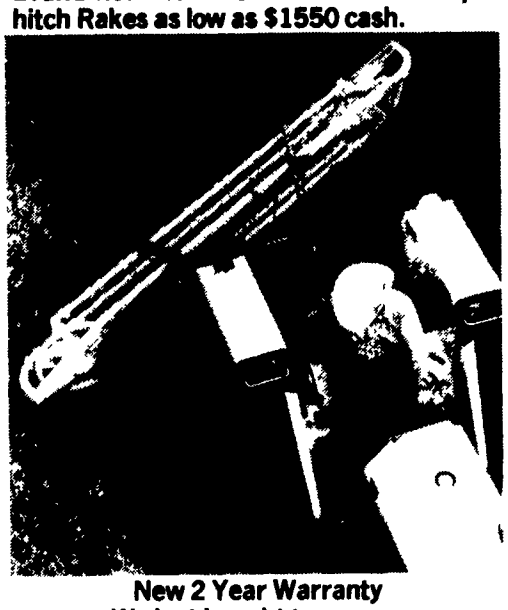
"We Deal in Solutions"

EECO, INC.

4021 N 6th St., Harrisburg, PA 17110
717-238-9423

FARM SHOW SPECIAL!!!

Brand new New Holland Model 57 3 pt. hitch Rakes as low as $1550 cash.



New 2 Year Warranty
We just bought too many.
Our mistake is your saving!

NEW HOLLAND

Frederick Store
Frederick, MD
301-662-4197

Westminster Store
Westminster, MD
301-857-0711

In Pennsylvania 800-331-9122

GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 **215-965-5203**

Call John Bolton or Gunther

TRACTORS

JD 4840 Cab & Air Power Shift, 1600 hrs., very nice
JD 4240 Dsl., Cab & Air, 1895 hrs., 18.4x38 Tires, very nice
JD 4230 Cab & Air, Quad Shift, 38" Rubber
JD 4630 Cab, Air, Quad, 1977 Model, very nice
JD 4320 Dsl. w/cab, 3300 hrs., very nice
JD 4030 Dsl., WF, Sound Guard Body
JD 4030 Dsl. Fender
JD 4020, WF, year Rd. cab, sharp
JD 4020 Dsl., Side Console, WF
JD 3020 Dsl., WF, Side Console w/Roll Guard SOLD
JD 3020 Dsl., Power Shift, WF
JD 3020 Dsl. Tricycle w/3 pt.
JD 2440 Dsl., Direction Reverser, 28" Rubber, extra nice
JD 2640 Dsl., Hi/Lo Independent PTO 38 & Rubber
JD 2630 Dsl., Independent PTO, Hi/Low, very nice
JD 2240 Dsl., nice
JD 2020 Dsl., Hi/Low
JD 1050 Dsl. 850 hrs., like new
JD 1650 Dsl., 110 hrs., Demonstrator
JD 1020 Gas w/3 pt.
IH 1466 Cab & Air, 20x38 rubber, new TA SOLD
IH 1256 Cab & Air
IH 966 Dsl., WF, 2700 Hrs.
IH 966 Dsl. w/Cab, 1800 hrs., very good
IH 986 Cab & Air, 18x38 Rubber, 2100 Hrs.
IH 1086 Dsl. Cab & Air, 1600 hrs., very nice
IH 886 Dsl., Cab, Air, very nice
IH 886 Dsl., Post Canopy, new TA, very nice SOLD
IH 856 Dsl., WF, 38" Rubber
IH 786 Dsl., WF, 1800 hrs.
IH 826 Dsl., WF
IH 1066 Dsl. Tractor, Cab, extra nice
IH 766 Dsl. w/BS, Roll Guard w/Canapy
IH 756 Dsl., WF, 3 pt., 38" Rubber
IH 666 Dsl. Tractor, WF, 3 pt., very nice
IH 666 Gas, WF, Very Good
IH 84 Hydro Dsl., 1600 hrs., very nice
Farmall 706 Dsl., WF, nice
Oliver 1855 Dsl. Factory Cab, 1300 hrs., excellent
Oliver 1755 dsl., WF, 2100 hrs., very good
IH Super A Rotary Mower and Loader SOLD
Ferguson 35 Gas, 1100 original hrs.
Ford 7000 Dsl. w/Cab, 1800 hrs., very nice
Ford 851, Live PTO SOLD

HAY EQUIPMENT

JD 346 Twine Baler w/#30 Thrower
JD 346W Baler w/Thrower
JD 336 Baler w/#30 Ejector
NH 489 Haybine
NH 467 Haybine
NH 477 Haybine
NH 320 Baler w/Bale Turner, excellent
NH 315 Baler w/Thrower
NH 273 Baler w/Thrower
NH 277 Baler w/Thrower, very nice
NH 852 Rd. Baler w/Auto Wrap, like new
NH 845 Rd. Baler, very nice SOLD
NH #38 Flail Chopper, used 1 season, like new
NH #80 3 Pt. Rd. Bale Mover
NH 1005 Bale Wagon, single bale unloads
NH Super 1049 Self Propelled Bale Wagon, 160 Bale Capacity, very good condition
NH 1012 Bale Wagon

NEW EQUIPMENT SPECIALS

NH 316 Baler, $6,800
NH 311 Baler, $5,800
Taylorway 9' Soil Saver, $3,350
New JD 327 Baler w/40 Ejector SOLD

QUALITY LATE MODEL FARM EQUIPMENT

NEW ARRIVALS

1980 JD 4440 Dsl., Cab, Air, Power Shift, 1400 hrs.
1980 JD 4440 Dsl. Cab, Air, QR, 1200 hrs.
1977 JD 450 C Crawler Loader, very nice
JD 730 Dsl. WF, Elec. Start w/3 pt.
JD 630 Gas w/3 pt.
JD 16½' BWF Wing Fold Rock Flex Disk
NH 320 Baler w/Thrower
IH 55, 10' 3 pt. Chisel Plow
JD 7000, 4R Cons. Planter, 150 acres, dry Fert, Markers, Frame, Mounted Coulters, '85 Model
1977 JD 4400 Dsl. Cab, Air, Chopper, Choice of Heads

JD 480B Diesel, Fork Lift, 21' Mast, Shift, 1400 hrs., very good condition SOLD

CORN PLANTERS

JD 7000, 4R, Cons., Dry Fert. & Insect.
JD 7000, 4R Conservation planter, acres, like new, '84 model SOLD
JD 7000, 4RN w/Liquid or Dry Fert.
JD 1240, 4R Plate and Plateless Dry Fert.
IH 56, 4R Dry or Liquid Fert., excellent condition

DISCS

Bush Hog 18½' Hydraulic Wing Fold Disc, like new
JD AW 12'6", Very Good
JD BWF 20' Rock Flex
JD BWA 12' Disk

LOADERS

Ford 4600 SU Tractor w/Loader
Ford 3400 Loader Tractor w/Cab, very nice
Ford 601 Loader Tractor
MF 165 Dsl. w/Quick Tach Loader
Case 1816B Skid Loader, 500 hrs.
Gehl 4300 Skid Steer

PLOWS

IH 720, 6x18 Spring Reset On Land Plow SOLD
IH 720, 6x18 Toggle Trip Onland
IH 720, 5x18 Toggle Trip
IH 710, 7x18 Spring Reset Onland
IH 710, 5x20 Spring Reset
IH 710, 5x18 Spring Reset
JD F145, 3, 4, and 5 Bottom Trip
JD 1450, 5 & 6 Bottom Trip
DJ 2500, 5x18, Spring Reset
JD 2700, 5x18 Spring Reset
White 580, 5 or 6 bottom Spring Reset
White 3 bottom Spring Reset

CHISEL PLOWS

Bush Hog 12' 3 pt., new
JD 1600, 3 pt.
MF 12 Tooth 3 pt.

CORN HEADS

AC Black 438 & 330
AC FG430
JD 243, 244, 343, 443, 444
IH 844, 843, 227
MF 43, 63C

GRINDER MIXERS

JD 750 w/Long Auger
JD 700 NH 352
NH 353 Gehl 95

Trade in Special
JD 4400 Gas Combine w/13' Platform $5,950

MISCELLANEOUS EQUIPMENT

JD 148 Loader for 2840's & 2510-4240 Tractors
18x38-18x34-20x38 Duals
Cabs to fit IH 706 thru 1466 Tractors
Cabs to fit JD 3010-4320 Tractors
Brillion 8' Alfalfa Seeder w/Transport, good condition
JD 4 Row RG & RM Cultivators
IH #40 Stalk Shredder, excellent condition
IH 2000 Loader
MF 236 Quick Tach Loader w/Hyd. Valve, like new
NI 323, 1R Corn Picker
NI 10' Fertilizer Spreader w/Grass Seed
IH 1000 Loader for Super A, very nice SOLD
JD 3R 30" Fg. Head
NH 3RN Quick Tach Corn Head
New Deutz & Fahr Tedders 17' & 24'
JD 7' Direct Cut Head for 3940, 3960 Harvester SOLD
JD 8300, 7x18 Double Disc Grain Drill
IH 510, 21x7 Double Disk Grain Drill

COMBINES

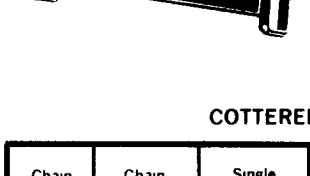
1982 JD 6620 Dsl., Side Hill, 850 Hrs., excellent condition
1980 Gleaner F2 Corn 23" Rubber, like new SOLD
1981 JD 4420, 900 hrs., fully equipped, excel. cond.
1979 JD 4400 Dsl., 23 ber, excellent, one of a kind SOLD
1976 MF 510 Dsl., Cab, Air, 23" Rubber, excellent
1976 Gleaner FKS Dsl., Cab & Air, 13' Grain Table, very nice
1976 IH 715 Dsl., Hydro., Cab, Air, 23" Rubber, nice local trade
1974 JD 4400 Dsl., Cab, Air, Choice of Heads
1973 JD 4400 Gas w/Cab, 1300 hrs., good condition
JD 213 & 215 Flex Heads
IH 820, 13 & 15' Flex Heads
Corn & Soybean Chopper to fit JD 3300-4400

Good Selection of Grain Tables
Financing Available on Above Machines

Stop by on your way to the Farm Show – Open 7AM-6PM Farm Show Week

MANURE SPREADER CONVEYOR CHAIN ASSEMBLIES

MAKE	MODEL	APRON PRICE PINTLE CHAIN	APRON PRICE T BAR CHAIN	APRON PRICE STEEL DETACH
ALLIS	281 140S	300 20	295 46	248 94
CHALMERS	299 180S	314 36	340 80	285 44
BADGER	100	311 14	304 86	284 06
"	150	319 72	334 00	278 48
	160	319 72	350 08	291 40
	BN200	328 04	315 66	302 94
	205	POR	POR	POR
"	240	367 88	382 16	337 32
BALZER	300	756 32	752 00	682 60
"	400	856 16	853 54	771 44
"	440	1007 46	1002 68	909 34
BIG BLUE	T-6	243 96	261 50	220 80
CASE	T-8	252 74	270 56	228 78
	TW6 9 95	226 86	241 66	205 24
"	75	208 96	220 44	188 62
"	85	232 80	234 56	209 42
"	100	236 82	257 68	212 52
"	105 115	272 30	294 96	246 50
	125,135	272 30	294 96	246 50
"	130	292 72	288 46	264 36
"	140	246 98	268 42	223 86
	170	285 96	316 10	262 80
"	180	337 04	370 10	309 52
COBEY	60	272 30	297 66	246 50
	75	225 74	244 50	205 66
	100	225 74	244 50	205 66
	130	266 46	300 66	POR
	150	265 04	POR	241 24
	200D	602 44	584 18	544 54
COCKSHUTT	623A &	243 96	261 50	220 80
	623B	243 96	261 50	220 80
Co Op	31T	243 96	261 50	220 80
CUNNING	85A	329 64	325 18	303 06
HAM	110B	251 52	274 32	228 02
DECKER	100,101 301	262 12	283 10	237 60
	200 201 401	312 08	340 76	243 46
	501	352 84	387 90	319 68
	601	423 98	422 66	394 92
DOKKEN	120	276 34	270 94	253 48
DUAL	600	476 34	508 92	452 64
EZE WAY		287 02	283 40	263 34
FARMEZE	130A	251 39	274 96	227 08
	160A	300 14	294 48	277 52
"	170B	315 98	311 68	292 22
"	1300	250 10	276 64	226 32
"	1700	289 56	320 60	266 40
FARMHAND	F6025	319 72	350 08	291 40
	110	256 44	280 04	232 96
	175	374 22	369 46	342 40
	200	331 66	326 46	303 34
	430	227 94	274 14	204 88
"	450	587 88	590 96	548 90
FARMRITE	135	262 12	285 10	237 60
	165	334 00	334 00	310 64
	200	463 42	462 68	420 98
FERGUSON	A10 21 22	215 10	231 24	195 54
FORAGE	160	370 20	360 10	341 40
KING	190	412 84	400 38	380 76
FORD	2016	276 44	299 34	249 20
	2017	276 44	299 34	249 20
FREEMAN		324 20	319 80	298 34
GEHL	180MS	339 14	335 34	315 42
	250MS	408 10	386 92	379 54
	350MS	POR	POR	POR
GRUETT		331 70	297 66	306 62
H & S	180 220	348 78	340 80	326 92
	350	524 78	511 68	489 52
		350 28	345 80	320 94
HUEBNER				
INT HARV	21 30 31	245 46	262 40	222 30
	35	265 26	285 70	242 10
	40	322 44	358 92	297 60
	100	171 58	167 44	144 24
	101 103	209 44	228 62	190 96
	102	209 44	228 62	190 96
	125 130	258 40	281 16	234 96
"	150 155	322 44	358 92	297 58
	160	322 44	358 92	297 58
"	175	331 24	362 54	302 92
"	200F	311 02	306 24	283 44
"	200HT	253 86	249 76	231 24
"	275	317 24	335 74	321 64
"	400 400A	341 00	336 30	315 14
	530	339 54	317 68	265 40
	540	394 81	346 76	332 16
"	550	473 62	417 44	396 04
"	555	473 62	417 44	396 04
"	560	POR	POR	POR
	575	400 02	432 41	POR
"	595	520 83	565 15	POR
	570	491 09	520 37	POR
	580	560 89	611 76	POR
JADCO		248 54	271 60	224 76
"	SMALL	POR	POR	POR
JOHN DEERE	H L M E,K	195 16	209 44	176 64
"	N	POR	POR	POR
"	R,W	POR	POR	POR
"	2W	243 96	261 50	220 80
	4	258 96	280 40	235 80
	33	268 86	293 60	245 70
	34	286 40	313 26	260 60
	40	286 40	336 00	260 60
	44	321 22	350 30	293 68
	660	595 70	POR	POR
	680	498 25	POR	POR
KASTEN	175	343 40	338 72	317 20
	250	343 40	338 72	317 20
	270	POR	POR	POR
	325	POR	POR	POR
KELLY RYAN	110BU	294 40	289 58	269 70
	130	351 78	345 50	322 80
	150	402 38	396 26	368 36
KNIGHT	66,88	POR	POR	POR
"	135 140	POR	323 90	POR
"	115	POR	280 04	POR
	180	339 14	335 34	315 42
	195	POR	341 73	POR
	235	POR	366 05	POR
	250	408 10	386 92	379 54
	300	POR	411 23	POR
	350	POR	584 86	POR
LUNDELL		POR	366 05	POR
MASSEY FERG	8	268 56	POR	226 24
	A10 A21	POR	POR	POR
	A22	POR	POR	POR
	11	247 86	POR	227 04
	15	243 96	261 50	220 80
	18 20	257 98	276 00	229 18
MASSEY FERG	110 130	472 00	POR	POR
	160	498 05	POR	POR
	205	592 20	POR	POR
MEYERS	M 125A	POR	POR	POR
	M 160A	POR	POR	POR
	M 225BU	POR	POR	POR
MINNE MOLINE	110	POR	POR	POR
"	SL200	234 22	250 46	252 12
"	SL300	234 22	250 46	252 12
MINNESOTA	60 70 90	229 96	248 80	208 08
	100	229 96	248 80	208 08
	110	253 56	291 54	230 88
	122	277 48	301 54	252 24
	133 155	277 48	333 72	280 04
"	135	337 42	331 92	309 92
"	160	352 46	POR	324 64
	220	493 84	483 70	455 04
NEW HOLLAND	200 202 220	267 90	236 72	220 75
	221 222	267 90	236 72	220 75
"	213	234 48	206 73	194 27
	300 336	276 14	269 41	235 06
	470 475	355 56	345 38	320 30
	510	409 20	322 70	369 92
	511 512	409 20	322 70	369 92
"	516 519	467 26	336 42	369 92
	675 679	611 16	POR	POR
"	790	818 00	POR	POR
	791	872 64	POR	POR
	800	POR	POR	POR
NEW IDEA	10A	240 06	253 82	194 16
"	12A	243 96	261 50	198 72
	14 18	193 48	POR	POR
	15 19	269 00	POR	218 88
	17 200	243 96	261 00	198 72
	201 203 208	282 50	308 76	231 03
	202	271 10	292 56	220 77
	205 207 210	359 12	392 66	295 16
	206	236 82	254 68	191 27
	208	POR	POR	POR
	209	POR	POR	POR
	212	POR	319 66	267 04
	213 217	POR	371 54	310 71
	214	POR	449 00	364 90
	218	605 78	488 74	242 28
	224	POR	POR	POR
	243	POR	POR	POR
	244	599 16	490 42	POR
	245	675 94	552 94	POR
OLIVER	7 17 170	POR	POR	POR
	11	226 72	219 64	206 56
	100 270	234 22	251 46	211 80
	470 471	272 30	294 96	241 50
	480	272 30	294 96	246 50
	490	301 02	293 78	277 10
	570	517 84	504 68	469 70
	590	366 48	359 78	337 24
PATZ		276 06	274 92	250 36
SCHULTZ	110	POR	POR	POR
	160	336 20	329 34	308 98
"	2120 40	336 20	329 34	308 98
	2125 30	336 20	329 34	308 98
	2130 30	292 90	288 18	269 22
WHITE	31T 623A	POR	POR	POR
	624B	POR	POR	POR



FREE FREIGHT ON ALL CONVEYORS

COTTERED

Chain No	Chain Pitch	Single Strand	Dble Strand	Triple Strand
60	3/4	$ 1 86	$ 5 74	$ 9 65
80	1	$ 3 13	$ 8 92	$14 99
100	1 1 4	$ 5 98	$13 17	$22 18
120	1 1/2	$ 8 54	$18 80	$31 65
140	1 3/4	$10 42	$22 92	$38 59
160	2	$12 79	$28 14	$47 38
200	2 1/2	$24 51	$67 42	91 36

AGRICULTURAL ROLLER CHAIN

CHAIN NO	PRICE/FT.
A 2040	.95
C 2040	1.12
A 2050	1.18
C 2050	1.38
A 2060	1.84
C 2060H	2.83
A 550	3.78
CA 550	3.78
CA 555	3.78
A 620	4.46
CA 620	4.46

STEEL DETACHABLE CHAIN

CHAIN NO	PRICE/FT
25	.82
32	.83
42	1.05
45	.99
52	1.21
55	1.12
62	1.51
62H	1.85
67	1.61
67H	2.01
67XH	2.54

T-BAR CHAIN

T67	.75 link
T-67 AS,A1 A2,A4,A6	1.49 link

T-BAR SLATS

Size	Price
20-30" Overall	$ 7.00 ea.
30-1/8-40" Overall	$ 8.72 ea.
40-1/8-50" Overall	$10.44 ea.
50-1/8-60" Overall	$11.24 ea.
60-1/8-70" Overall	$12.83 ea.

Forage Box Conveyor Chains Available
Elevator Conveyor Chains Available

PINTLE CHAIN

Chain #	Pitch	Price per foot
662	1 664	$3 44
667H	2 313	$3 34
667J	2 25	$4 84
667X	2 25	$4 84
667K	2 25	$6 46
88K	2 609	$8 90

Now Available
Butler Jamesway single chain conveyor, $4 88 per ft

Forage Box Apron Conveyors & Cross Conveyors

Badger	Kasten
Balzer	Lamco
Gehl	Massey Ferg
Int Harvester	New Holland
John Deere	New Idea

Call for price
(Other models also available)

CORN HEAD GATHERING CHAINS

MAKE	PART NO	MODEL NUMBERS	PRICE
ALLIS CHALMERS	536109	2A 3E 2N,3A 3H 4C A420 E420 C620,C820 H330, E330 C430 C630 C435 H240 E240 C440	23 12
	561228	FL430-GL440	26 40
	573640	1973 76 Low profile	32 28
	574793	All models 1977 79 Heads	35 84
JOHN DEERE	AN102009	243,244 343 344,443 444 543, 546 642 643,644,645 842,843	31 00
	AN102009	243,244 343, 344,443 444 543,546,642 643,644 645 842,843	31 00
INT HARV	176 279 C91	All 800 Series Heads 823,824 833,834,843 844, 853,854,863 864 873,874,883	31 00
MASSEY FERG	241 090 M1	22 321 322,33 421,422 43,63 621	29 84
OLIVER & MINN MOLINE	511142E	522 525 531 535 541 544 545 555 561 H942,H944 H953 H954	44 64
AVCO NEW IDEA	713167R	723,724,725 726	44 20
	713168L	723 724 725 726	44 20
WHITE FARM EQ	31 1689933	702 703 704 705 706	29 86

NEW ANSI
STANDARD ROLLER CHAIN

T BAR SLATS

MAKE	MODEL	PRICE
NEW IDEA	211 212 213,214 218 224 243,244	$10 48 $12 36
JOHN DEERE	33,44 34 40	$10 21 $10 48
INT HARV	40,175 540 550 560	$10 54 $11 73
MASSEY FERG	110 160 205	$10 68
NEW HOLLAND	510 516 675 513 519 679	$11 32 $11 82

RIVETED

Chain No	Chain Pitch	Single Strand	Double Strand	Triple Strand
25	1/4	$ 1 22	$ 2 87	$ 4 53
35	3/8	$ 83	$ 1 67	$ 3 59
40	1/2	$ 86	$ 1 76	$ 4 23
41	1/2	$ 83		
50	5/8	$ 1 19	$ 2 46	$ 5 53
60	3/4	$ 1 42	$ 2 99	$ 7 76
80	1	$ 2 89	$ 5 98	$13 18
100	1 1/4	$ 5 71	$12 57	$21 17
120	1 1/2	$ 8 19	$18 02	$30 33
140	1 3/4	$ 9 98	$21 96	$36 97
160	2	$12 18	$26 80	$45 13
180	2 1/4	$22 16	$48 76	$82 01
200	2 1/2	$23 93	$52 64	$88 63
240	3	$55 89	$122 95	$207 00

NEW HOLLAND BALER FLOOR CHAINS

NH NO	CHAIN/ATT	PRICE
268766	CA550/C5E	$57 85
714619	CA550/C5E	$53 96
710395	CA550/C5EB	$80 43
718096	CA550/C5EB	$66 85

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IN MASS. (617) 933-3580

1500-gal. Tank Will Load in Approx. 1½ Min.

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- ✓ Tanks are made of 5/16 thick metal
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6-inch side valve - large flotation tires

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JD 2240 w/Loader
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Ac D14
AC 170
(2) AC 190XT
AC 7000, PS, ROPS
AC 7020
AC 7040
AC 7060
AC 7080
AC 210
Kubota B7100 HSE w/RC6000 Mower
Kubota L245 w/Mid Mount Mower
IH 986

LOADERS & FORKLIFTS
NH 425 Skid
(2) AC Model 50LPS
AC Model 50
AC Model C40X
AC 715 Backhoe
(2) NH L445
AC 540
JD 170
IH 4130 Skid

MOWER CONDITIONERS
Hesston PT 10
I SOLD
NH 1495 D w/12' Head
NH 1495 Plan.
NH 1469 SP 9'
(3) NH 489
NH 488
NH 490
NH 495
NH 1495 SP, 12' Hyd., C/A

PLOWS
AC 5 Bottom 18"
IH 4 Bot. mounted

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IH 830 w/2RN
NH 919 N4
NH 892 w/822 & 880 WPU
NH 890 W
Gehl Flail
NH 770R2
NH 890N3
NH 1890 Hydro C/A w/2 Heads, w/550 hrs.
NH 38 Chopper
NH 880 R2 Head
(4) NH 822 Corn Head
(2) NH 28 Blowers

COMBINES
NH 995 with Grain and Corn Head
NH TR70 w/960 and 962W4
Gleaner E w/3 Heads
AC C II w/2 Heads
AC FKS2 w/430 Corn Head and 313 Flex Head
AC G440 Corn Head

SPREADERS
NH 520 w/End Gate
NI 244 w/End Gate
NH 791
NH 519
NH 346
NH 329

WAGONS
NH 1003 Bale Running Gear
Grove Fg.
(2) Dion Fg. Wagons

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(2) AC 600 4R no-till
AC 600 6R no-till

Replace your worn heads w/2, 3, or 4 Row Heads. New & used available. Fit 770, 782, 880, 890, 1890, & 1895.

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Brillion 10' Pulvimulcher
NH 85 Bale Handler
NH 80 Bale Mover
1979 Ford Dump Truck
Buster Bar for Disc
Hub 48' Elevator
Gleancoe 7 Shank Soil Saver
Gehl 95 Grinder Mixer

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Simplicity w/Attach.
AC 916 w/Mower
AC 712H w/42" Mower
AC 410
AC B10
AC Big 10
AC 720 5' Cut

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(3) NH 273 w/54A Thrower
NH 326 w/¼ Bale Chute
NH 320 w/58 Thrower
NH 320 w/70 Thrower
IH 440
JD 466 Wire

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Bush Hog Batwing
Ford 906 Rotary
Woods RM 48
(2) NH 451
(3) 462 Disc
NH 463 Disc
Vicon Disc

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NH 256
(4) NH 258
(3) NH 260
(3) V-Tandem Hitch Ford
NH 158 Tedder
Niemyer Tedder

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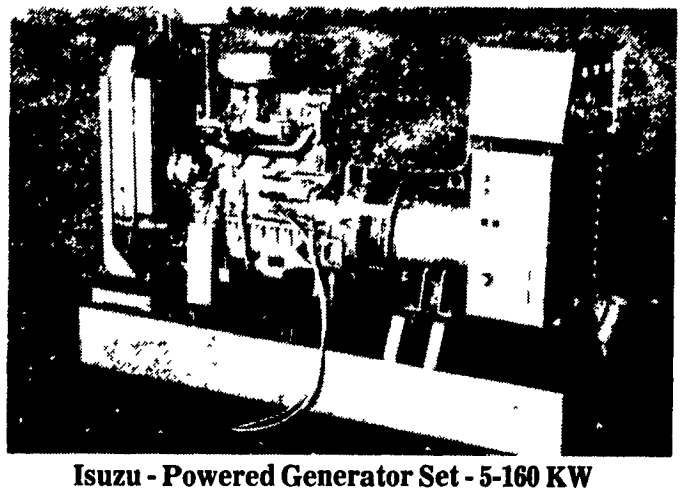

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8,10,12 & 14' Wheel Disc
3 pt. 7'
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JD 45 Sq. back w/10' grain, 2R cornhead, nice
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IH 105 w/8 or 10' head
JD 45 w/10' grain & 2R corn
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Gleaner A w/grain head $2,000
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MF 510 Diesel w/Quick Tach, grain head $5500
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1952 8N Ford w/loader & front pump
AC WD 45 Gas
Ford 3000 Diesel
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AC WD 45, new paint, $1,200
AC D15 WF PS, loader, $2,0 SOLD
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Farmall Super C w/hyd. & pulley $975
Oliver 1800 NF 80 hp gas
Ford 6000 65 hp gas
Massey 44 NF gas
Massey 1080 D, needs PTO gears
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AC WD w/PS, $1175
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Ferguson 30

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JD 34 1R & pickup $875

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Farmall C or Super C, 200 & 230
Ford 6000 WFE
IH 460, 560, 706, 756, 806, 856

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1&2 Rows Pull Type & mounted. Also, 50 for parts

ROTARY MOWERS
3 pt. 6,7 & 8'
Also pull types.

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(30) From 2-7 Bottom

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Hay Balers, with or without throwers, $300 & up.
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NH 269 Baler w/thrower
Trailer Type Rotary Mower, $475
IH Loaders to fit H, M, 300, 350 & 300 & 350 utilities
NI Cut/ditioner
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12 Tooth Trailer type chisel plow
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New 3 Pt. Equipment

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USED COMBINES

Int. 1440 Combine
Int. 715 Diesel w/4 row narrow head, nice
MF 750 w/grain head
Int. 715, late model

1979 Int. 1460 rotary combine w/6 row corn head

USED TRACTORS

MF 1080 D
Int. 856
JD Model B w/Cultivators
IH Hyc SOLD 0 w/Cab
Farmall H
Farmall M Diesel
Int. 1066 w/Cab
Case 1270

USED EQUIPMENT

Int. 800-6 r SOLD rn Planter
Int. 710 5 F Auto. Reset Plow
900 Badger Blower
NH #518 Manure Spreader
Ontario Hoe Drill
13' 3 pt. Chisel Plow
NI 2 Row W SOLD ull Type Picker
Int. #40 Sta SOLD edder

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960 Forage Box w/roof
1540 Forage Blower
3510 Si SOLD ader

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AC 8010, cab & air 107 hp; AC 6080 4WD, 84 hp; AC 6080 w/Cab, 84 hp; AC 6060 4WD, 64 hp; AC 6070, 70 hp; AC 6060 w/Cab, 64 hp; AC 5050 4WD, 52 hp; AC 5045, 44 hp; AC 6140, 40 hp; Kubota 7500 2 & 4 WD, 71 hp; Kubota 6950, 4WD, 66 hp; Also on the road soon to arrive 60 hp Deutz-Allis.

Come in & compare our prices per hp & our features. You'll be surprised at the savings on quality tractors. We have parts & we service what we sell. Trades welcome.

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MF 90 Gas; AC-CA; AC 160; IH 404; JD 3010, Dsl.

USED TRACTORS

AC 7040, cab & air, power shift; 7030, cab & air; 7010 Cab & Air power shift; 7000, cab; 200; 190XT, cab; 190XT, 4 WD; 6080; 6060, 4WD; 6060, with loader; 175, 160, D17, gas & diesel; D15 - 3 pt.; B; CA
JD 5020, cab & duals. 4320 Cab; 2 - 3020D; 2840 with loader; 2640; 4440 cab & air - very good condition
IHC 756. 706D, cab. 684, 675, 544, SMTA; H; 230; 140; 100; Super A, with equipment; Cubs.
Ford 5000; 4000; 800; 600; 8N's; 9N; 641 with hydro. frt. end loader
Kubota 7500, 4WD Demonstrator; 245
MF 175; 135

INDUSTRIAL

Tractor Loader Backhoes - AC 715B, JD 310A, Case 580, all with cabs. AC D17; Yanmar 336; MF 2200 Diesel
Crawlers with loaders - AC 655
Crawler with blades - JD 430 with 3 pt.
Tractors with loader, 3 pt. hitch & PTO - IHC 2400A, 2444, Ford 515, 535, MF40B, MF2200
Skid steer loader - NH 445, 225 Bobcat 610 gas, 611 diesel
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2000 gallon vacuum liquid manure spreader
Patz 3000 gallon liquid tanker
Better Bilt 1500 gallon liquid tanker
4 used tank type spreaders, 15 used PTO ground drive conventional spreaders
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Grimm PTO ground drive, reel tedders
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Round balers - NH 850, 846 - like new, Hesston 5800, NH 851 Round baler - like new $5885
Hesston round bale or stack processor - Model 10 - like new

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Forage harvesters NH 718, Super 717, 717
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8 used mixer grinder mills, IHC, NH and Gehl
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Large selection chisel plows 3 pt. hitch & trailer models 7 to 13 shank

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3 used AC, Gehl - 3 beater with roof, tandem gear.
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20 misc. hydraulic front end loaders for various models and make tractors - call for your needs
Also new and used double ring tractor tire chains

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AC 1400 Industrial
Tractor Loader, 3 PTH,
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Many Models
New Holland
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$29,900

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24x65 Fickes concrete Stave silo w/silo-matic unloader and accessories. Call Lancaster Co. ASCS Office for terms and conditions, 717-397-6235.

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FOR SALE: 20' power sweep Harvestore® unloader, good condition. 717-733-4449.

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* 1 Bottom Plows
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* Hay Teddars
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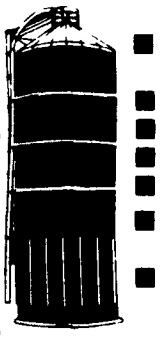

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IH MODEL 464 DIESEL TRACTOR Low Hours Excellent Condition

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Need good Perkins 6 cyl. 354 cu. in. block or complete engine for Massey 1100 or Oliver 1850 tractors. 215-967-1821 after 7 p.m.

WANTED: 933 Cat. loader tractor, 12A, complete or parts, needed trans. case, ring & pinion gears. 215-683-7922

WANTED: Truck mounted manure spreader w/ beaters. 304-263-9801.

Wanted: Pipe bender, steel cutting band saw, 7,000 JD conservation corn planter. 215-445-6976.

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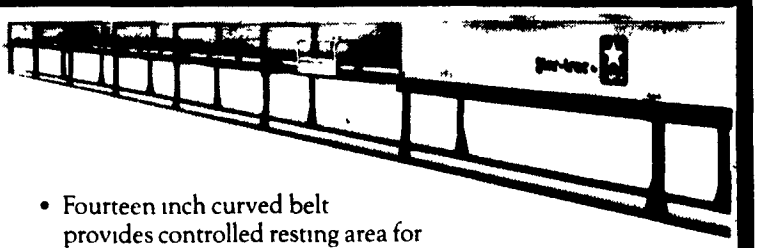
FROM STARLINE.
DESIGNED FOR EFFICIENCY.
ENGINEERED FOR DEPENDABILITY.
BUILT FOR ABUSE!

THE NEW
STAR-TRAC BELT FEEDER



- Fourteen inch curved belt provides controlled resting area for feed Capacity equal to 16" or two silo unloaders
- Low horsepower requirements
- Plow independently suspended
- Independent motors control stopping of plow in any position
- Plow travels 60' per minute for fast and quiet delivery
- Easily adaptable to new bunks, existing bunks and inside, overhead applications

See The Belt Feeder On Display At The FARM SHOW

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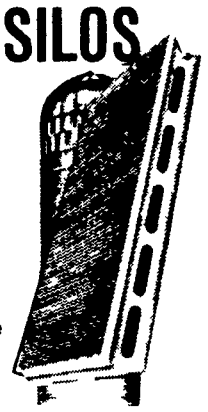

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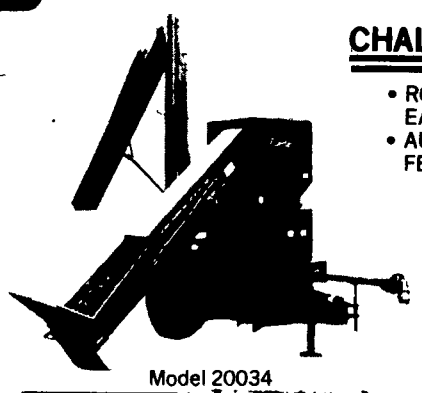

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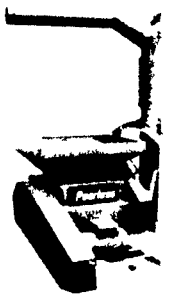

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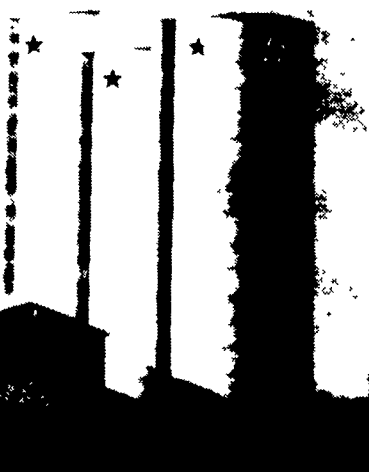

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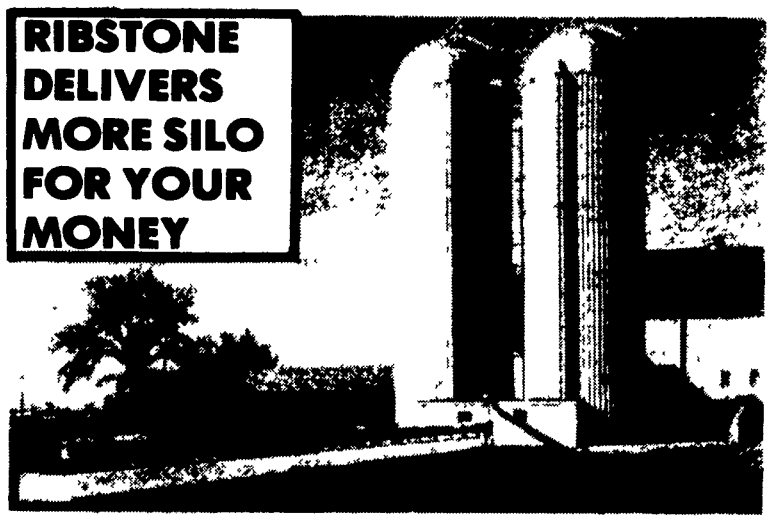

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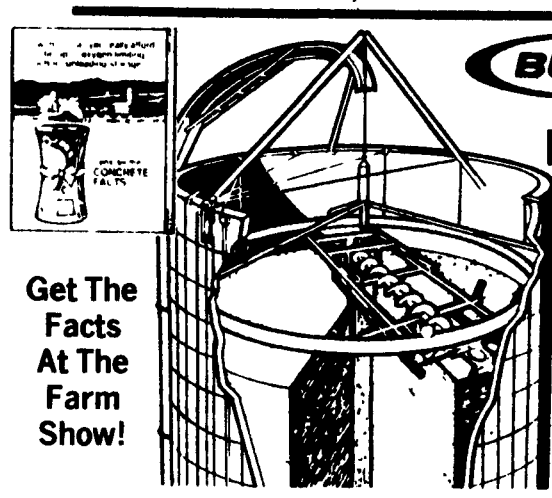

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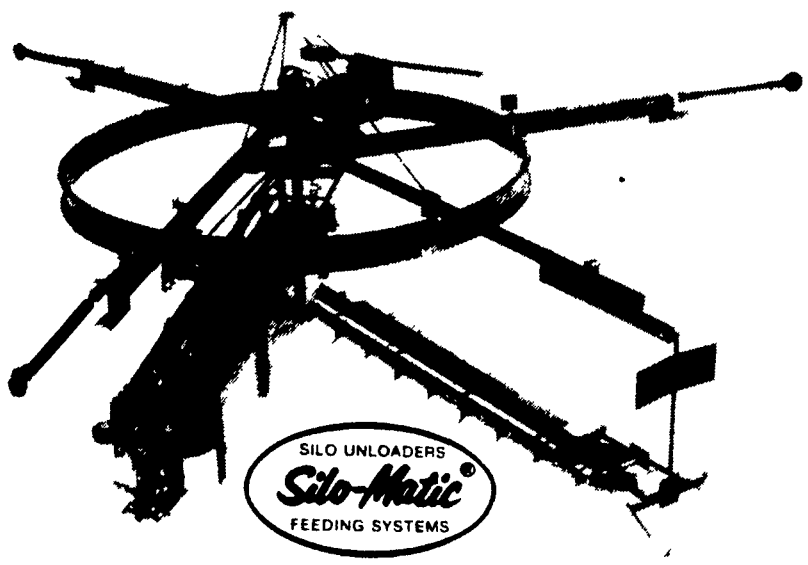

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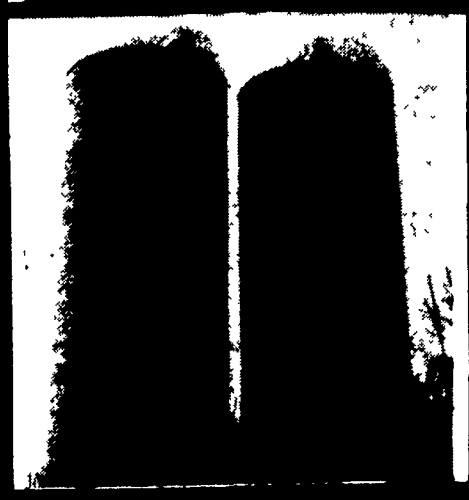

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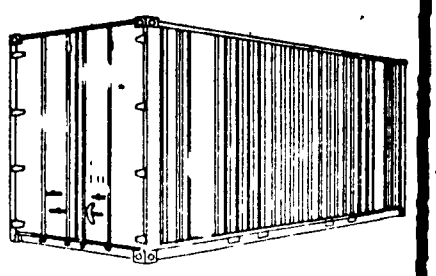

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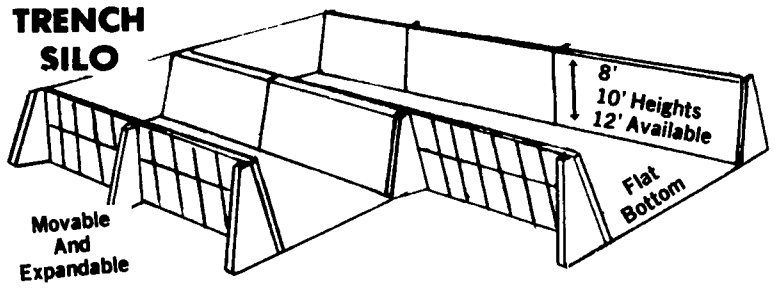

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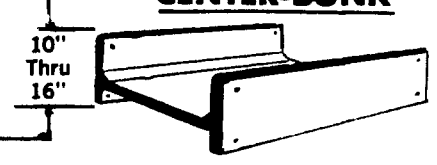

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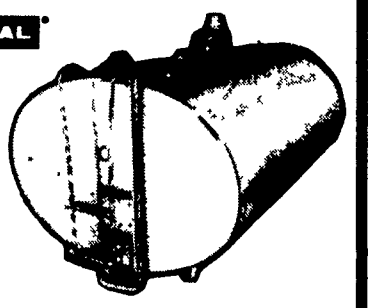

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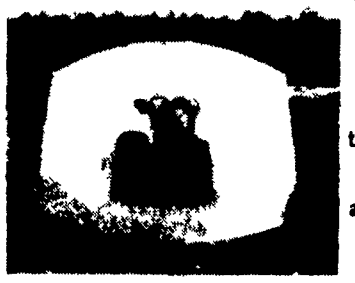

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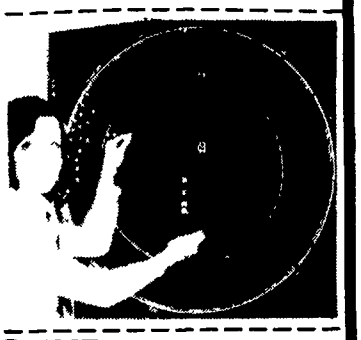

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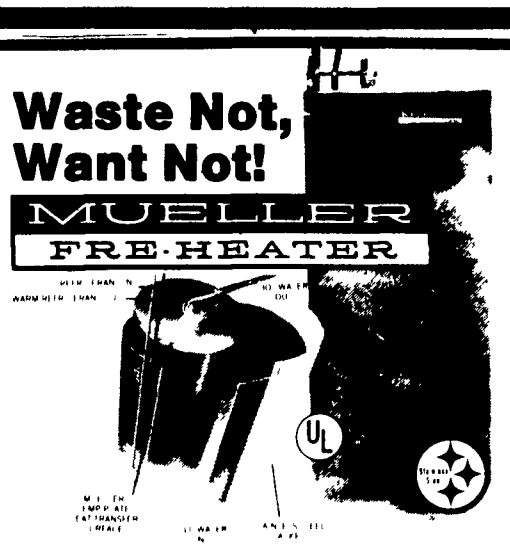

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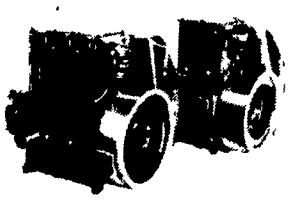

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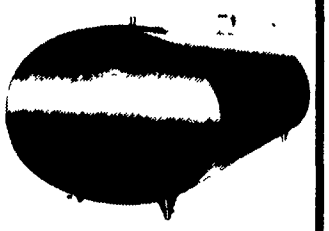

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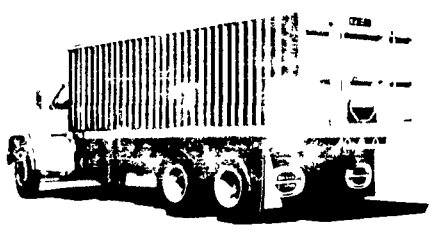
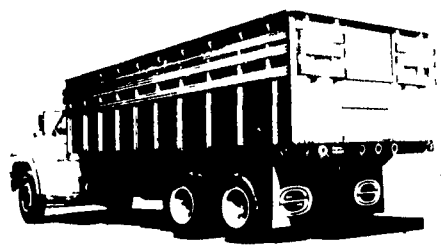
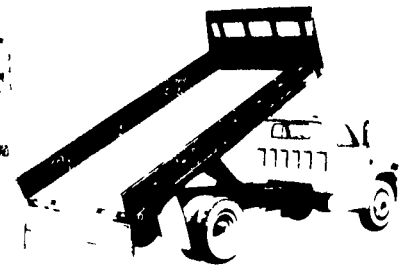


"CLEAN FLOW" ALUMINUM GRAIN BODIES

"CLEAN FLOW" STAKELESS STEEL GRAIN BODIES

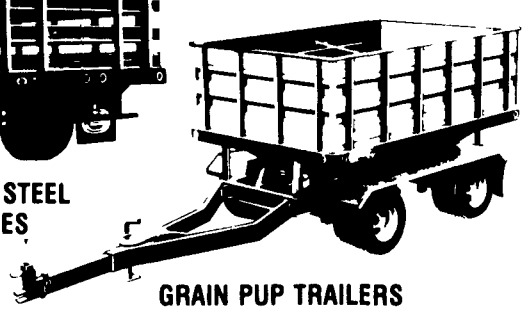


STEEL OR WOOD GRAIN AND LIVESTOCK BODIES



HEAVY DUTY STEEL CONTRACTOR BODIES AND BULKHEADS

COMPLETE SELECTION OF STEEL OR WOOD STAKE BODIES



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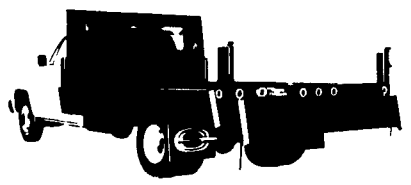
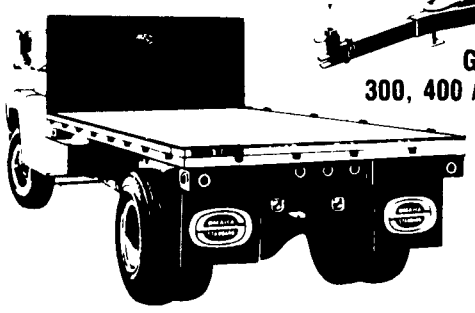


EUROPEAN STYLE TRI-LOADER CONTRACTOR BODIES



SUPER DUTY PLATFORMS
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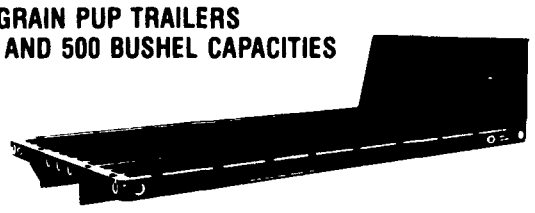

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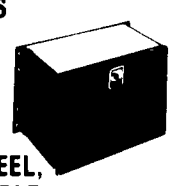

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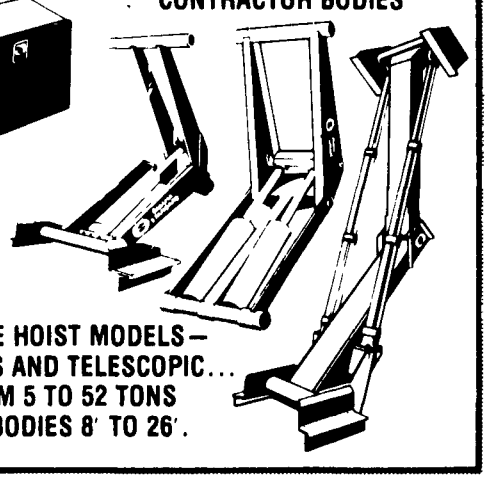

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	M-C SX662	105 to 110 days			
	M-C SX660	105 to 110 days			
	M-C SX560	100 to 105 days	60 00	58 00	57 00
	M-C SX552	100 to 105 days			
	M-C SX488	95 to 100 days			
	M-C SX480	95 to 100 days			
	M-C SX220	88 to 93 days			
	M-C SX103	80 to 85 days			

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	M-C 3X676	105 to 110 days	55 00	53 00	52 00
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	M-C 3X408	95 to 100 days			

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	M-C XA490	90 to 95 days			
	M-C XA560	100 to 105 days			
	M-C XA660	105 to 110 days	70 00	68 00	67 00
	M-C XA788	110 to 115 days			
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Adams County

Steve Daron

Steve Daron, the son of Mrs. Betty Daron and Mr. Larry E. Daron Sr., Gettysburg, is a 1984 graduate of Biglerville High School.

During his five years of membership in the Apple City FFA Chapter, he served as chapter vice president and received an agribusinessman proficiency award.

He also attended the state and area leadership training conferences.

Steve took the home garden project for a year and gained work experience under three different employers. He was chairman of the Fair Booth Exhibit Committee, and served on the Community Service, Earnings, Saving and Investment, and Field Crop Committees.

In the future, Steve would like to become a quality mechanic and operate his own business.

Joseph A. Groft

Joseph A. Groft, the son of James and Janet Groft, New Oxford, has been a member of the Conewago FFA Chapter for three and a half years. During that time he has served as secretary, committee chairman and class representative.

He also received the chapter Foundation Award and the Adams County degree. His FFA activities have included work experience, county and state contests and membership in the Community and Scholarship Committees.

In the future, Joesph would like to be a herdsman for a large dairy operation. His hobbies include hunting, fishing, trapping and sports.

Daniel E. Groft

The son of Mr. and Mrs. Donald Groft, Hanover, Daniel Groft is in his fourth year of FFA activities. As a member of the Conewago FFA Chapter, Daniel has served as sentinel, committee chairman and class representative. He has received the chapter Foundation Award and the Adams County degree.

His activities have included beef finishing, work experience, county and state contests, public speaking and membership in various committees.

Daniel enjoys sports, hunting and trapping, and plans to become a game warden.

Fay E. Lobaugh

Fay E. Lobaugh, the daughter of Blanche and Guy Lobaugh, Aspers, has been a member of the Apple City FFA Chapter for four years. A student at Biglerville High School, she has worked on a dairy farm for the past three years.

Fay has served on a number of committees and has served her chapter as vice president and reporter. She was also the county FFA secretary.

She received the county Star Greenhand Award and attended the area and state Leadership Training Conferences.

She was a member of the second place Keystone Livestock Judging Contest team in 1985 and of the sixth-place team at the All American Dairy Judging Contest. She received a third and a sixth place in the State FFA Agronomy Contest.

Fay is a National Institute of Cooperative Education Award winner and was a top test score winner in the Pa. Association of Farmer Cooperatives. She was also a state scholar winner at the Washington Leadership FFA Conference and an REA Washington Youth Tour winner.

She has raised four dairy animals for three years and has worked on a dairy farm for the past three years. She served as chairman of the Recreation Committee and as a member of the Public Relations, Cooperative Activities and Fair Booth Committees.

In the future, Fay would like to work on a dairy farm.

Kay E. Lobaugh

A four-year-member of the Apple City FFA Chapter, Kay E. Lobaugh, Aspers, is the daughter of Blanche and Guy Lobaugh.

Kay, a student at Biglerville High School, has served her FFA chapter as president and treasurer, a position she also filled at the county level.

She was a Star Greenhand and earned a seventh and a 12th place in the Pa. FFA State Agronomy Contest. Kay was an REA Washington Youth Tour winner and a member of the top FFA knowledge team for two years.

She was a member of this year's second place team in the Keystone Livestock Judging Contest and the sixth-place All American Dairy Judging Team.

She has attended the area and state Leadership Training Conferences as well as the Washington Leadership FFA Conference.

Kay has served as chairman of the Conduct of Meeting Committee and has been a member of the Public Relations Fair Booth Committee. She has had five dairy animals for three years and has been working on a dairy farm.

Kay would like to study agriculture in college.

Samuel Redding

Samuel Redding, the son of Mr. and Mrs. Thomas Redding, Parglerville, is in his fourth year of FFA with the Apple City Chapter.

A student at Biglerville High School, Samuel was treasurer of his chapter for two years, and served as chairman to the overall Earning, Saving and Investment Committee.

He also attended the area Leadership Training Conference and won a state bronze award for his SOEP project book. He was a member of a sixth-place All-American Dairy Judging Contest team.

His FFA projects have included dairy and heifer calf, field crop, and work experience on a farm. In the future, Samuel would like to become a farmer.

Norman F. Runkles Jr.

Norman F. Runkles Jr., the son of Norman F. Runkles Sr. and Eleanor J. Runkles, Orrtanna, is in his fourth year of FFA membership with the Mason Dixon Chapter.

A student at Fairfied Area High School, Norman has completed projects in beef finishing, corn production and hay harvesting.

He has attended the national and state FFA Conventions. Norman has served his chapter as president, secretary and sentinel and was county sentinel. He holds the Greenhand, Chapter Farmer and Apple (county) degrees. He was a second place winner in state agronomy in 1984.

A member of the National Honor Society, he plans to become an electrician. His hobbies include hunting, fishing and playing chess.

James K. Sanders

James K. Sanders, the son of James and Viola Sanders, is a member of the Conewago FFA Chapter.

A student at New Oxford High School, James has had work experience for his father, has served on several committees and has participated in county and state contests. He has attended the National FFA Convention.

James has served his chapter as chaplain and secretary and was a committee chairman. He has received the Clair E. Herr Award and Foundation Awards. He holds the Adams County degree.

James enjoys hunting, fishing, trapping and sports, and would like to be a partner in his family's swine operation.

Steve W. Daron

Joseph A. Groft

Daniel E. Groft

Kay E. Lobaugh

Fay E. Lobaugh

Samuel Redding

Norman F. Runkles Jr.

James K. Sanders

Brian P. Sanders

James D. Schulteis Jr.

Joseph A. Slothour

Dean Shank

Jennifer K. Weimer

William C. Weller

Paul Carbaugh

Jamie Eshelman

Brian P. Sanders

Brian P. Sanders, 17, is the son of Donald and Linda Sanders, New Oxford. As a member of the Conewago FFA Chapter for the past three and a half years, Brian has had work experience on a dairy farm and has been a member of several committees.

A student at New Oxford High School, Brian has been chapter reporter for two years, a committee chairman, Star Greenhand and Star Chapter Farmer. He has received the Clair E. Herr Memorial Award, the Charles A. Smith Award, Foundation Awards and the Adams County degree.

Brian has also participated in state and county contests.

Brian enjoys hunting, fishing, trapping and sports and would like to own and operate his own dairy farm.

James D. Schulteis Jr.

James D. Schulteis Jr., the son of Mae and James Schulteis Sr., Biglerville, is the South Central Star Agribusinessman.

A 1985 graduate of Biglerville High School, James has been a member of the Apple City FFA Chapter for six years. During that time he was a state winner in fruit and vegetables and won a proficiency award in production.

His FFA activities have included three acres of apple trees for five years and five years of work on a local orchard, where he worked his way up to assistant manager. He has served on the Earnings, Savings and Investment Committee and was chairman of both that committee and the Citrus Committee. He was assistant sentinel for two years.

James received a first place for his SOEP Project Book at the county contest for two years and took a gold and a silver award at the state contest. He attended the area's Leadership Training Conference and the area Fruit Judging Contest.

A member of the Upper Adam Young Farmers, James plans to become established in a partnership with his parents' orchard business.

Joseph A. Slothour

Joseph A. Slothour, the son of Earl and Katherine Slothour, Gettysburg, has been a member of the Conewago FFA Chapter for three and a half years.

During that time he has served as sentinel and committee chairman. He has received Foundation Awards (chapter) and the Adams County degree.

His FFA activities have included work experience on a dairy farm and membership on several committees. He has attended state and county contests.

Joseph enjoys hunting, fishing and sports, and would like to become a herdsman for a livestock farm.

Dean Shank

Dean Shank, the son of Galen and Dorothy Shank, East Berlin, has been a member of the Bermudian FFA Chapter for four years.

A student at Bermudian Springs High School, he was named chapter Star Greenhand and Star Agribusinessman. He received a chapter Wildlife Proficiency Award, and took a bronze award in the state project book contest. He was a second-place winner in the county wildlife contest.

Dean has served his FFA chapter as president and was Adams County chaplain.

Dean's FFA activities have included a project in wildlife management and membership on the Window Exhibit and BOAC Committees. He attended the National FFA Convention in 1984 and the Eastern Leadership Conference.

Dean enjoys hunting, trapping and fishing and plans to attend the Mont Alto campus of Penn State to earn a two-year degree in forest technology.

Jennifer K. Weimer

Jennifer K. Weimer, the daughter of Mr. and Mrs. Stanley L. Weimer, New Oxford, has been a member of the Conewago-New Oxford FFA Chapter for three and a half years.

A student at New Oxford Senior High School, she is currently county vice president and president of her chapter. She has also served as secretary.

During her years in FFA, Jennifer has won Star Greenhand, Star Chapter Farmer, the County degree, a Production Credit Award, the Clair E. Herr Award and Foundation Awards.

She participated in Food for American and served on several committees. Jennifer was a member of the dairy judging team and participated in public speaking, creed speaking, land judging and production project. She also attended the National FFA Convention.

In the future, Jennifer plans to attend Penn State, where she will major in agribusiness and minor in dairy science.

William C. Weller

William C. Weller, 19, the son of Connie and Robert Weller of Arendtsville, is a freshman at Delaware Valley College, where he is majoring in horticulture, fruit production.

A 1985 graduate of Biglerville High School, William has been a member of the Apple City FFA Chapter for five years.

During that time he was a fruit farm employee for four years and served on the Earning, Saving and Investment Committee, which he chaired for two years.

William received a first place in the county Supervised Occupational Experience Record Book Contest for two years and won a gold and a bronze award in the state contest.

He attended the Pa. Association of Farmer Cooperatives Summer Institute in 1985, and served his chapter as sentinel and historian. William was named Star Greenhand and Star Chapter Farmer. He placed first in the area Apple Judging Contest for two years, and won the Fruit and Vegetable Proficiency Award for two years.

William is a member of the horticulture club and judging team at Delaware Valley College.

In the future he plans to graduate from college and become established in the fruit growing industry.

Bedford County

Paul N. Carbaugh

Paul N. Carbaugh, 18, is the son of Allen and Donna Carbaugh, Woodbury. A student at Northern Bedford High School, Paul has been a member of the Northern Bedford FFA Chapter for four years.

He has served his chapter as president, and received the Greenhand and Chapter Farmer Awards. His projects have included dairy cows and beef finishing, and he has served on the Dairy Judging and Livestock Committees. He was president of the Parliamentary Procedure Team.

Paul is a member of the State FFA Band and the Pennsylvania All-State Lions Band. He enjoys skiing and working with computers.

Paul says farming is in his future.

Jamie Eshelman

Jamie Eshelman, the 17-year-old daughter of Jim and Jane Eshelman, New Enterprise, has been a member of the Northern Bedford FFA Chapter for four years.

A student at Northern Bedford County High School, Jamie has had

(Turn to Page D4)

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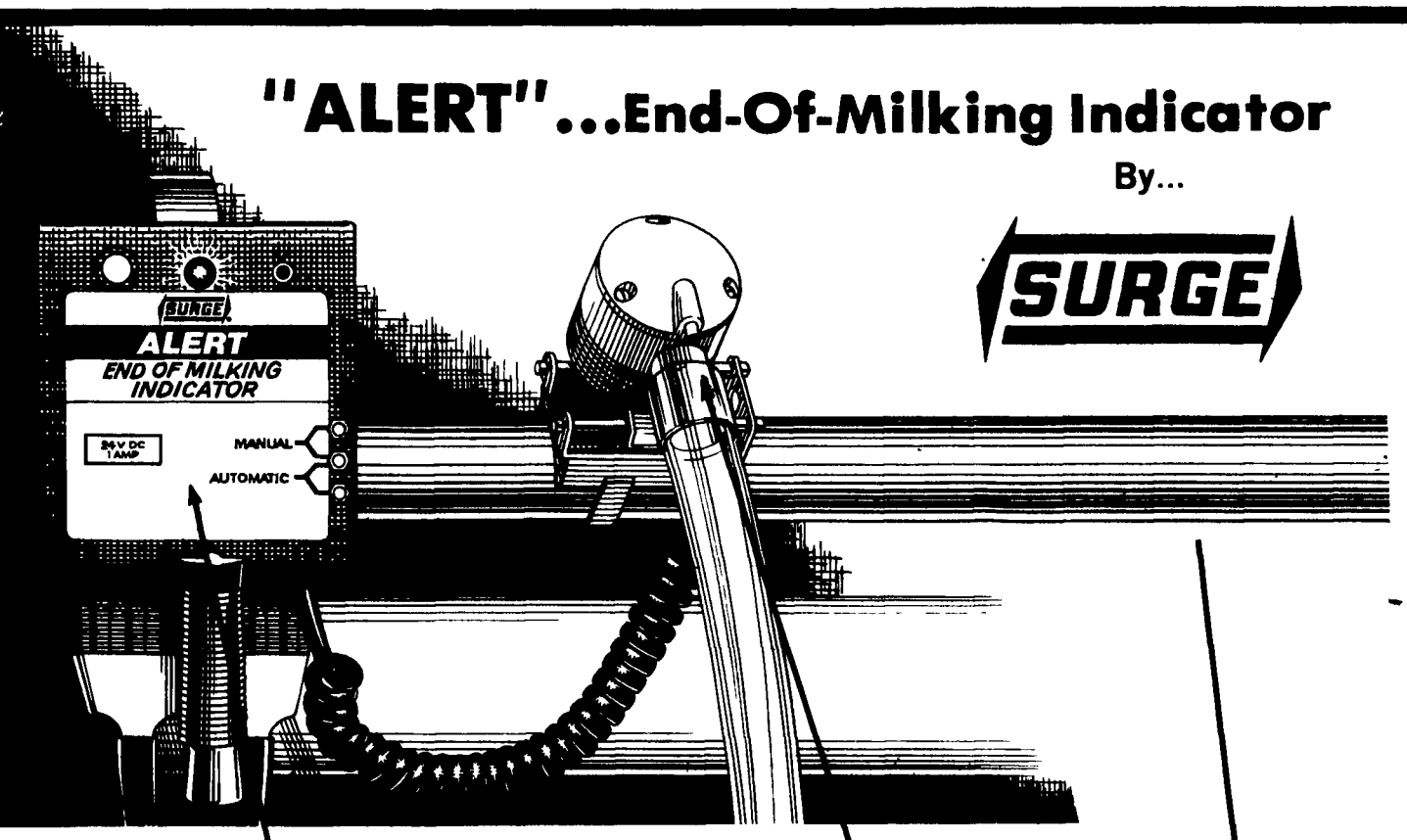

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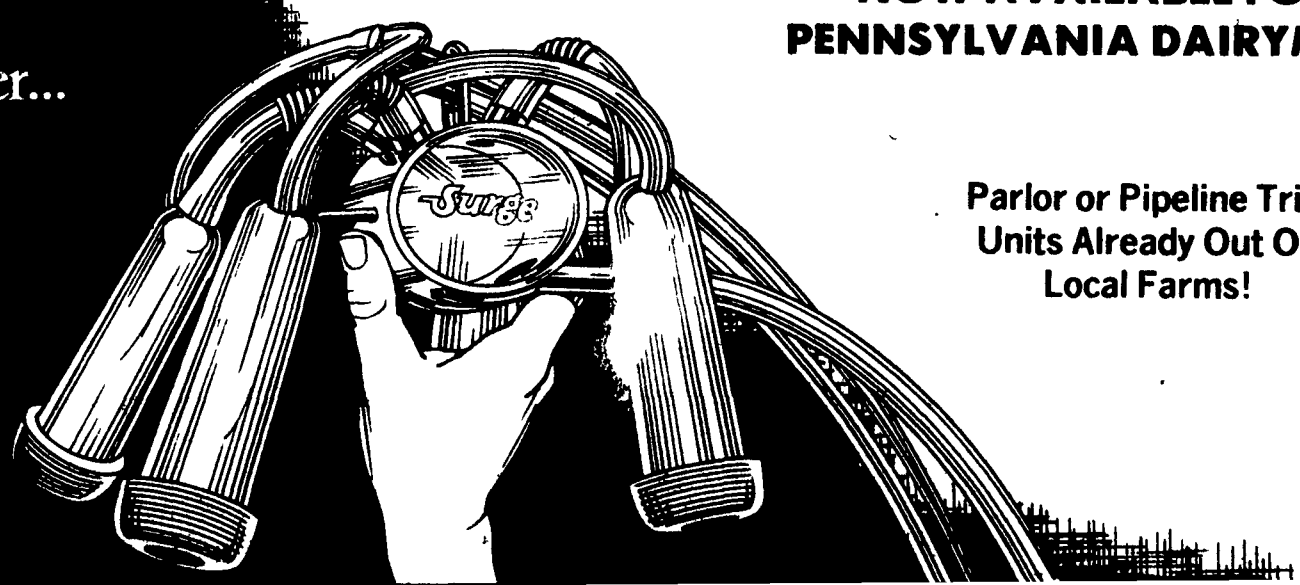

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(Continued from Page D2)

FFA activities which include dairy heifer, geraniums, dairy calf, dish gardens, fund raising, foilage plants, bulb committee, program of work, and BOAC. She attended the National Convention and was a member of the Citrus Committee.

During her four years of FFA membership, Jamie was chairman of the Bulb and Citrus Committees, and received a bronze award for a heifer book and a silver award on a heifer book.

Jamie enjoys playing soccer and would like to work in a greenhouse.

Gina Hall

Gina Hall, the seventeen-year-old daughter of Henry and Anna Hall Jr., Hopewell, has been a member of the Northern Bedford FFA Chapter for four years.

A student at Northern Bedford County High School, Gina has taken projects in dairy cows, dairy calves, swine finishing, corn, haylage, and corn silage. She served on the Program of Work, Livestock, Dairy, Seed and Citrus Committees.

Gina has served her chapter as reporter and has received the Greenhand and Chapter Farmer Awards. She has also received proficiency awards for crop and swine production.

In her free time, Gina enjoys reading, running and playing soccer. In the future, she .would like to form a partnership with her brother and farm.

Ross Hershberger

Ross Hershberger, 17, is the son of Charles and Dolores Hershberger, Martinsburg.

A student at Northern Bedford High School, Ross has been in FFA for four years. He has taken projects in dairy cows and heifers, corn and alfalfa. Ross has also served on the Program of Work and Dairy Judging Committees.

In 1985, Ross was a member of the first place dairy judging team at the All-American Dairy Judging Forum; he placed eighth individually.

He placed first in the county and district Creed Speaking Contest and third in the regional contest. Ross was a distinguished junior member of the Pennsylvania Holstein Association in 1982.

Ross would like to attend Penn State to major in dairy science.

Daniel Lee Over

Daniel Lee Over, 17 is the son of Derry and Aldine Over, Woodbury.

A student at Northern Bedford County High School, Daniel has been a member of the Northern Bedford FFA Chapter for four years.

He has served his chapter as vice president and assistant reporter. Daniel has earned the Greenhand and Chapter Farmer Degrees.

His FFA projects have included dairy cows and calves, swine finishing and corn silage. He has served on the Dairy Judging, Public Relations and BOAC Committees.

Daniel's hobbies include hunting, fishing and basketball. His future plans include college and farming.

Lincoln Ritchey

Lincoln Ritchey, 17, is the son of Herb and Joan Ritchey, Woodbury. A member of the Northern Bedford FFA Chapter for four years, Lincoln has completed projects in dairy cows, calves and heifers and corn silage. He has served on the Dairy Judging and Tractor Driving Committees.

Lincoln has served his chapter as president and vice president, and was chairman of the Dairy Committee. He earned the Greenhand and Chapter Farmer degrees.

In the future, Lincoln plans to take over the family farm a few years after school.

Berks County

Scott Bohn

Scott Bohn is the 18-year-old son of Mr. and Mrs. Fredrick J. Bohn, Myerstown. He has been a member of the Tulpehocken FFA Chapter for four years and has completed projects in dairy cow, heifer and calf, and work experience. He has participated in BOAC, Food for America, the Farm Safety Program and the county banquet.

Scott has served his chapter as chaplain and earned the Greenhand, Chapter and County degrees. A member of the Tulpehocken Young Farmers, Scott plans to work at a small gasoline engine shop and on his father's dairy farm.

Chirstopher J. Britton

Christopher J. Britton, 18, is the son of David and Joyce Britton, Boyertown. A member of the Oley Valley FFA Chapter for five years, Christopher has completed the Christmas tree project.

He has served on the Scholarship, Recreation and Leadership Committees.

Christopher has served his chapter as chaplain and treasurer and has earned the Berks County degree. In addition, he won at the State FFA Dairy Showmanship Contest and received a bronze medal at the State FFA Forestry Contest.

Christopher received a first place in the Berks County Project Record Book Contest and attended the PEEC Leadership Conference in 1984 and the Creed Speaking Contest in 1982.

In the future, Christopher plans to attend Delaware Valley College of Science and Agriculture to major in business. Later, he plans to pursue a career in agribusiness.

Scott Burnett

Scott Burnett, the 17-year-old son of Mr. and Mrs. Carl Burnett, Honey Brook, has been a member of the Twin Valley FFA Chapter for four years.

A student at Twin Valley High School, Scott has worked for his father in the family's small and marine engine repair shop. He has worked with the Conservation Committee, planting trees for the Game Commission, and helped with the Ag Day Breakfast. He also had BOAC projects.

Scott has won the area Small Engines Contest and placed in the state contest. He has also won the county forestry and wildlife contests as well as awards for his project books.

He attended the Blue Mountain Cooperative Institute and PAFC.

Scott is a member of the Frontier Archery Club and the Chestnut Hill Archery Club.

In the future, Scott plans to continue working with engines and become a partner in the family shop.

Kevin M. Guldin

Kevin M. Guldin, 17, is the son of Vivian R. Guldin, Boyertown. A student at Oley Valley High School,

Gina Hall

Ross Hershberger

Daniel Lee Over

Lincoln Ritchey

Scott Bohn

Christopher J. Britton

Scott Burnett

Kevin M. Guldin

Kevin has been a member of the Oley Valley FFA Chpater for four years.

During his FFA career, Kevin has completed projects in beef finishing and laying hens. He has served his chapter as sentinel and earned a gold medal in the State Land Judging Contest.

In addition, he placed first in the county Ag Mechanics Contest and won a chapter proficiency award in Ag Mechanics.

A Boy Scout of the Life rank, Kevin plans to attend college and major in animal husbandry.

Ray Hepner

Ray Hepner is the 18-year-old son of Clyde and Doris Hepner, Shoemakersville. Ray has been a member of the Hamburg Area FFA Chapter and has completed projects in beef steer, market hogs and heavy construction equipment operation.

He has served his chapter as sentinel and vice president. In addition, he was chapter coordinator for the 1984 County Leadership Conference and was chairman of both the Leadership and Banquet Ticket Committees.

Ray Hepner

Naomi Joan Herbert

In 1985 Ray participated in the County Conservation Public Speaking Contest and in 1984 he attended the Washington Leadership Conference for FFA.

In the future, Ray would like to build his skills on construction equipment operation and expand his family's part-time business or contract out work on construction projects.

Naomi Joan Herbert

Naomi Joan Herbert, 18, is the daughter of Elva Herbert, Kutztown. Naomi has been a member of the Kutztown FFA Chapter for five years.

During that time she has completed projects in dairy cow,

(Turn to Page D6)

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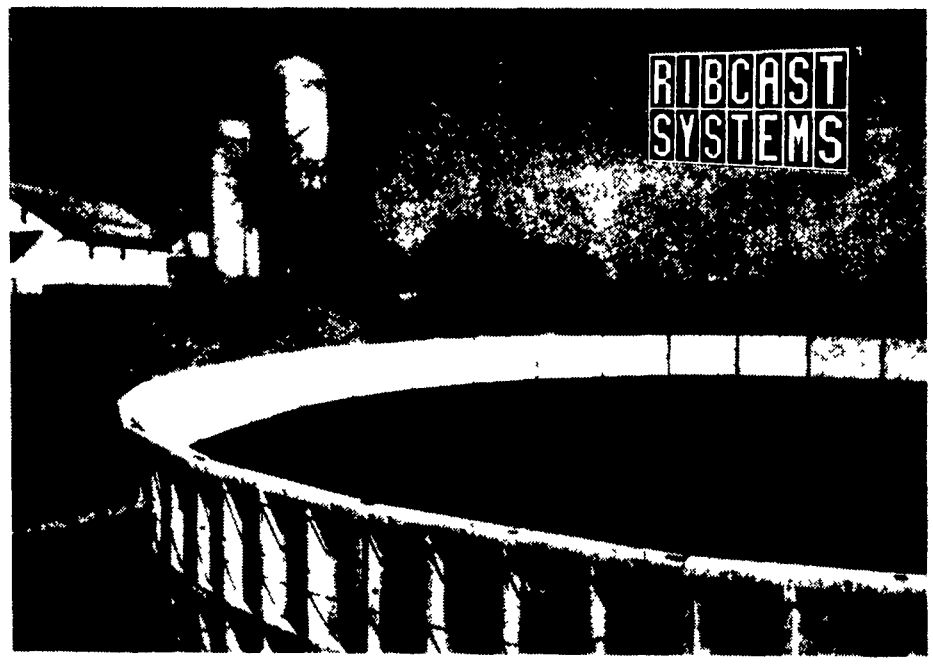

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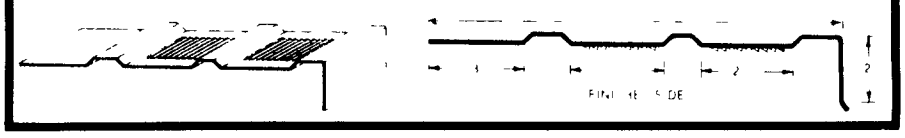

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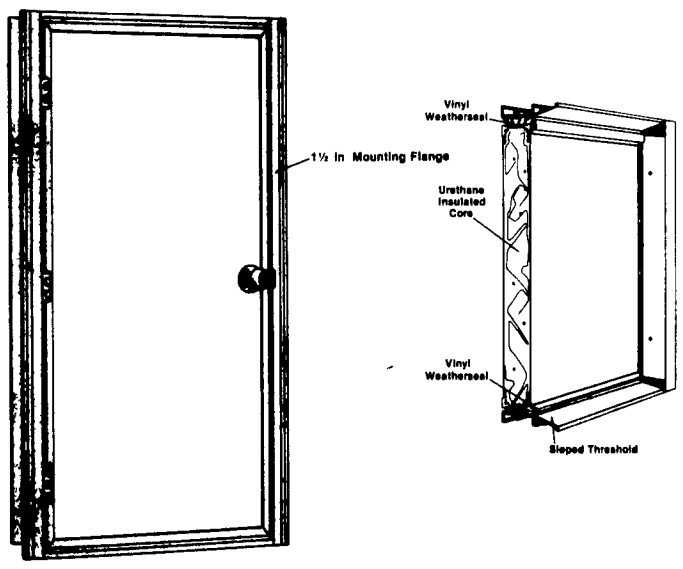

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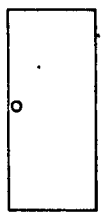

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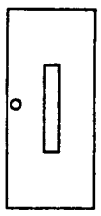

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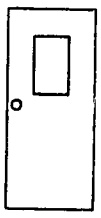

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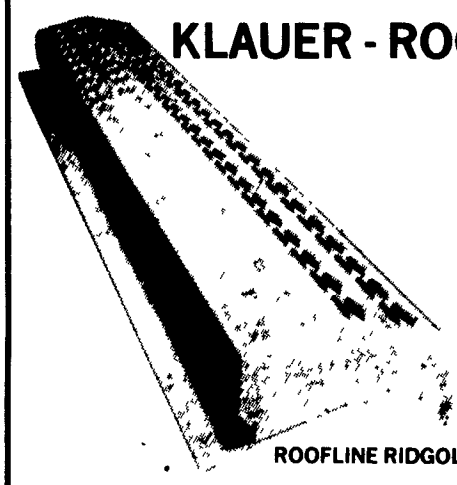

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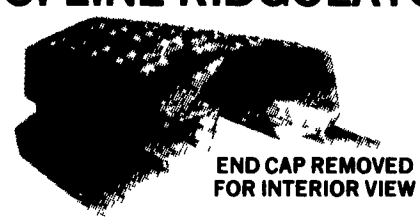

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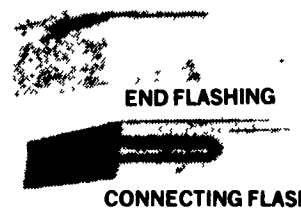

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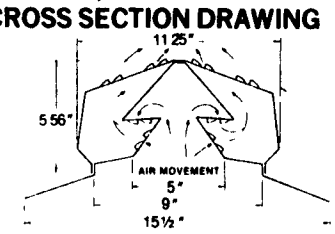

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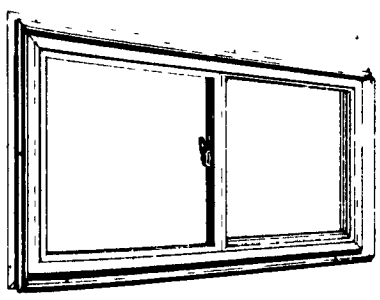

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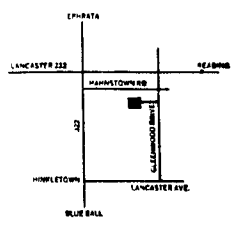

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Keystone Farmers are tomorrow's leaders

(Continued from Page D4)

calves and herd, and veal calves. She was a member of the Parent Member Banquet Committee and was chairman of the Educational Trip. In addition, she helped with the ham sandwich and citrus sales.

Naomi has attended the national convention and participated in judging, dairy cattle, agronomy and public speaking contests.

She has served her chapter as secretary and assistant reporter. Naomi was chairman of the local fair exhibit and of the window exhibit.

A member of the Eastern Berks 4-H Dairy Club, Naomi was on the winning state and national dairy bowl teams.

Naomi plans to build her dairy herd and work on a dairy farm to gain more experience. She would also like to learn more about greenhouse production and own and operate a greenhouse.

Jennifer Jesiolowski

Jennifer Jesiolowski is the 16-year-old daughter of Robert and Linda Jesiolowski. A student at Oley Valley High School, Jennifer has been a member of the Oley Valley FFA Chapter for four years.

During that time she has completed projects in beef finishing, swine finishing and layer hens. She has served her chapter as secretary and is currently chapter vice president and county secretary. In 1985 Jennifer was the state FFA public speaking champion. She has received an academic achievement award for three consecutive years and was selected Star Chapter Farmer.

Jennifer plans to attend Penn State University or Delaware Valley College to major in food science.

Tamara Sue Miller

Tamara Sue Miller, 17, is the daughter of Carl and Marilyn Miller, Kutztown. A member of the Kutztown FFA Chapter for four years, Tamara has completed projects in dairy cows and calves.

She has participated in numerous committees, including Ag Awards Programs, Food for America, Building Our American Communities, Leadership Training, Citrus Sales, and Sandwich Sales. She has also attended the national convention and the state mid-winter convention.

Tamara has served her chapter as junior advisor, reporter and president. She has earned the Greenhand, Chapter Farmer and County degrees.

In addition, she has participated in county and state project book contests, the Allentown and Reading Fair Dairy Shows and Dairy Judging Contests, and the South Eastern District FFA Dairy Show.

A member of the Virginville Grange, Tamara plans a dairy related career.

Beth Morgan

Beth Morgan, 17, is the daughter of Thomas and Mary Morgan, Birdsboro. A student at Twin Valley High School, Beth has been a member of the Twin Valley FFA Chapter for four years.

Her projects have been home gardens and wildlife conservation. She has worked in all areas of the FFA, helping to organize and conduct the Berks County Officers and Leadership Training Conference. She has also helped with the chapter and county banquet planning committees, and planted trees for the state Game Commission.

Some of Beth's other activities have included helping with Ag in the Classroom demonstrations, Food for America programs, projects at local retirement homes, the county milk shake wagon, Ag Day on Penn Square, the Summer Banquet, and FFA Week radio programs.

Beth is also a member of the Field Corn Test Plot Committee.

Beth is currently president of her chapter and vice president of Berks County FFA. In the past, she has served as chapter secretary and vice president and county parliamentarian and junior advisor.

She participated in creed and public speaking contests and is a member of the chapter's parliamentary procedure team.

She has participated in and won county interview, forestry and wildlife contests. She won a silver medal in the state forestry contest and in the state interview contest.

Beth has received awards for her project books and for dairy and livestock judging. She attended the National FFA Washington Leadership Conference and National FFA Convention, the Blue Mountain Cooperative Institute and PAFC.

Beth plans to study biology in college and become a teacher or researcher.

Richard A. Osche

Richard A. Osche, the son of Bernard W. and Dorothy Osche, Bernville, has been a member of the Tulpehocken FFA Chapter for four years.

His FFA activities have included Chapter-Member Banquets, County Banquet, Window Display, Food for America, Farm Safety Program, BOAC, Land and Horse Judging and the Creed Contest.

During his FFA career, Richard has had work experience in construction work and parts sales.

Richard has served his chapter as a reporter and holds the Greenhand, Chapter and County Degrees.

Richard plans to become a farm mechanic.

William T. Palmer Jr.

William T. Palmer Jr., the son of William Thomas and Judith Ann Palmer, Bernville, has been a member of the Tulpehocken FFA Chapter for three years.

His FFA activities have included Chapter Parent Member Banquets, County Banquet, Window Display, Food for America and Farm Safety Program.

William has served his chapter as president. He has participated in a number of contests, including the county Public Speaking Contest, where he placed fourth; the county Livestock Judging Contests, where he was 16th in 1983 and first in 1984; the regional Meats Judging Contest, where he was sixth; and regional Livestock Judging Contest, where he was 17th.

A member of the Young Farmer's Association, William was a member of the Ad-Advisory Council for Tulpehocken High School from 1982 to 1984. He is also a member of the Penn State Block and Bridle Club and the Penn State Dairy Science Club.

In the future, William plans to work with a contractor full time and to farm part time with his father. Eventually, he will take over the family farm.

Jennifer Jesiolowski

Tamara Sue Miller

William T. Palmer Jr.

Gail Raser

Beth Morgan

Richard A. Osche

Thomas P. Rausch

Henry Seidel

Gail Raser

The 18-year-old daughter of Mr. Gary Raser, Glenmore, Gail Raser has been a member of the Twin Valey FFA Chapter for four years.

She is past chairman of the American Ag Day Farmer and was chairman of the Ski Trip Committee. She has worked with Thanksgiving and Christmas food basket projects and has completed projects at retirement homes.

Some of Gail's other activities include Food for America, serving on the County Window Exhibit and Milk Shake Stand Committees. She also helped with Ag in the Classroom demonstrations. Her projects have included horses, sheep and swine.

Gail has served her chapter as historian and vice president and is currently junior advisor. She participated in public speaking contests and as a member of the chapter's parliamentary procedure team.

She won the county Pleasure Horse Judging Contest and her scrapbook won first place in the state contest.

She attended the Blue Mountain Cooperative Institute, was an official delegate at FFA Activities Week, representing Berks County, and helped present the Berks County FFA Officers Leadership sessions at summer camp and fall training session.

In the future, she plans to continue working on the horse farm where she is currently employed.

Thomas P. Rausch

Thomas P. Rausch, 17, is the son of Mr. and Mrs. John D. Rausch, Sr. of Bernville. A member of the Tulpehocken Area FFA Chapter for three years, Thomas has completed projects in swine finishing and dairy cows.

He was a member of the State

(Turn to Page D7)

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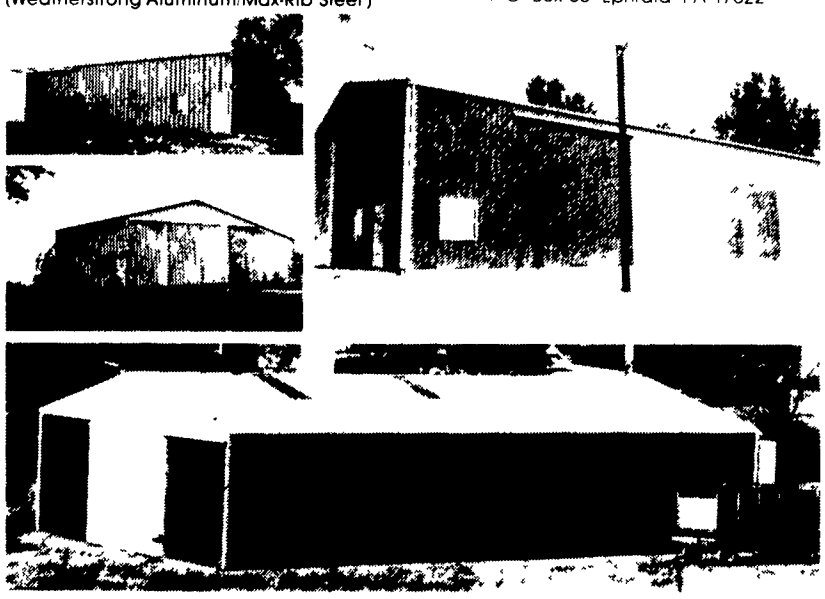

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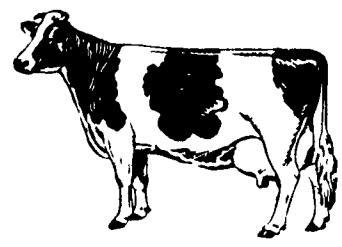

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(Continued from Page D6)

FFA Band and participated in the county Farm Business Management Contests and the county, state and national public speaking contests. He has been a member of the Food for America and BOAC Committees.

William has served his FFA chapter as vice president and is currently chapter president and county treasurer. He has received the Greenhand, Chapter and County degrees.

William has received chapter proficiency awards for Swine Production and Extemporaneous Public Speaking. He placed first in the county Farm Business Management Contest in 1984 and 1985, third in the state Farm Business Management Contest and earned a gold medal in National Farm Business.

Thomas plans to attend college to major in agricultural business management.

Henry Seidel

Henry Seidel is the seventeen-year-old son of Robert and Nancy Seidel, Lenhartsville.

A member of the Hamburg Area FFA Chapter for four years, Henry has completed projects in dairy cow, field corn, oats and market swine. He has been a member of the Banquet and Safety Committees.

Henry has served as president of the Hamburg FFA Chapter and the Berks County FFA. He received the Greenhand, Chapter and County degrees. This past summer he received a Washington Conference Scholarship and was a gold medal winner in dairy judging at Penn State.

A member of the Virginville Grange and 4-H, Henry plans to attend college to major in ag engineering.

Greg Stricker

Greg Stricker, the 17-year-old son of Gene and Shirley Stricker, Bernville, has been a member of the Hamburg Area FFA for four years.

Greg has completed projects in market and breeding swine, market steer and beef heifer, cornfield and hayfield. He was co-chairman of the Chapter Ratings Committee.

In addition, Greg was chapter treasurer and is currently junior vice president. He is also Berks County news reporter. Greg has received chapter proficiency awards for swine and diversified livestock. He holds the Greenhand and Chapter Farmer degrees.

In the future, Greg plans to own a beef and swine farm.

Brian Zechman

Brian Zechman, 17, is the son of Harold E. and Beatrice M. Zechman, Womelsdorf.

A member of the Conrad Weiser FFA Chapter for four years, Brian has served as chaplain parliamentarian, sentinel, and county chaplain. He was Berks speaker at the Leader Conference and holds the Greenhand, Chapter Farmer and County Farmer degrees. He was also a named a Star Farmer.

Brian's FFA activities have included parliamentary procedure, Chain Gild Committee, Food for America and Member Banquet Planning. He was chairman of the S.O.E. and Pumpkin Contest and Cooperation and Vegetable and Plant Sale Committees.

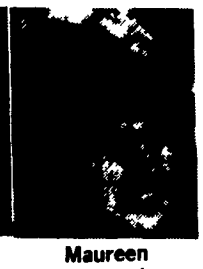
Brian plans to continue working at Lutz Brothers Swine Farm.

Blair County

Greg Stricker

Brian Zechman

Kathy England



Maureen England

Kathy England

FFA chapter president Kathy England is a senior at Williamsburg High School. The daughter of Mr. and Mrs. Stanley England of Williamsburg, she has also served as chapter sentinel and chaplain.

She has received county, area and local awards for her farming projects which have included a dairy calf, heifer, cow and work with field corn.

Kathy has been a member of the Parliamentary Procedure and Dairy Judging teams for two years during Penn State's FFA Week, and has attended local leadership training conferences for three years.

She attended PAFC at Juniata College and was a member of the Valley Rural Electric Youth held in Washington D.C. Following graduation she plans to attend Penn State to major in Business Administration.

Maureen England

Maureen England, daughter of Mr. and Mrs. William R. England of Williamsburg, is a senior enrolled in the vocational agriculture program at Williamsburg High School. She has been active in the Williamsburg FFA chapter for four years and is this year's chapter vice president.

Experience gained through working on the family farm has helped Maureen with her projects, including a dairy calf, field corn and alfalfa production. She showed a dairy heifer at the Williamsburg Farm Show in September, and has earned local, area and county awards.

In 1982 Maureen received a local scholarship medal for maintaining an "A" average in vocational agriculture. She has participated in leadership training for four years, and attended FFA Activities Week at Penn State for the past three years where she judged dairy cattle.

After graduation, she plans to study artificial insemination, a skill that she hopes will lead to employment as a breeder.

Carol Frederick

The daughter of Mr. and Mrs. Gerald Frederick of Roaring Spring, Carol is a senior at Central High School and is the secretary of Central Cove FFA.

Carol's farming program is involved with market hog, poultry and beef finishing enterprises. Notable show accomplishments include the best intermediate

(Turn to Page D10)

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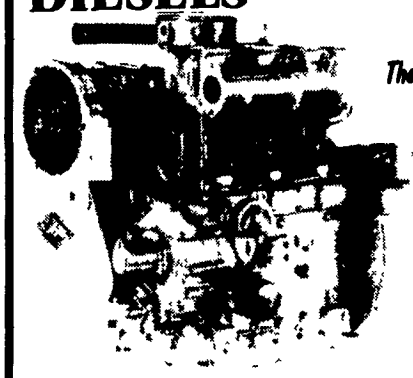

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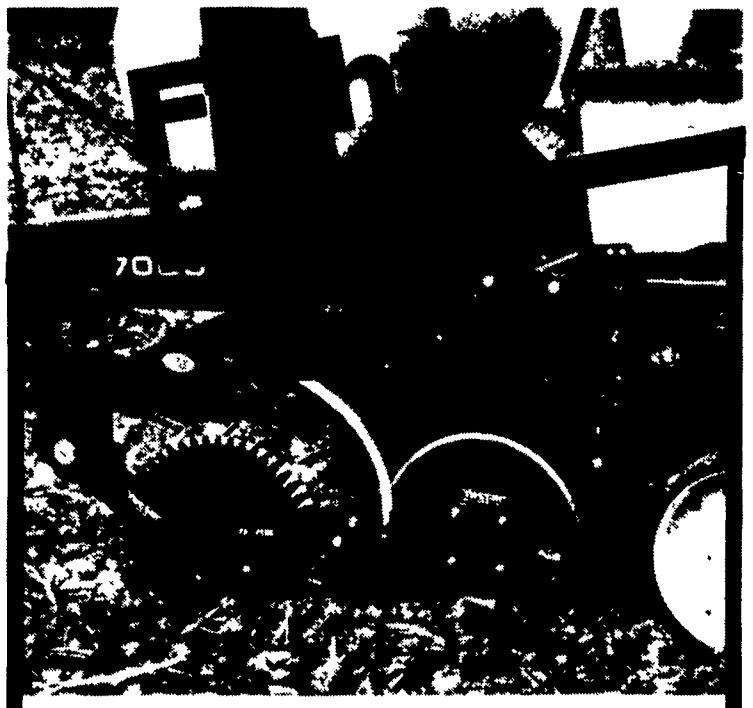

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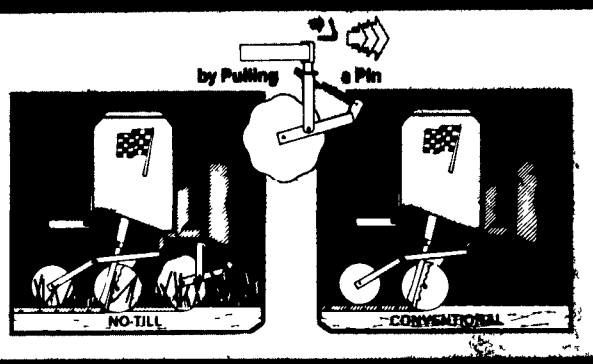

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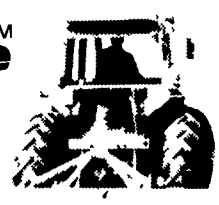

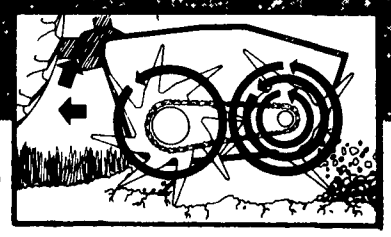

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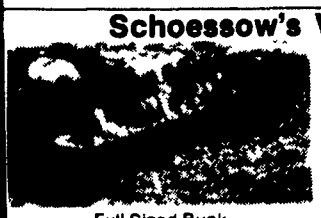

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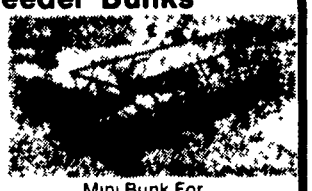

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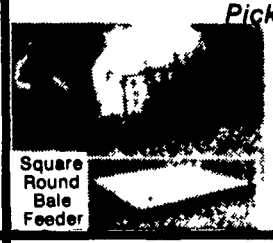

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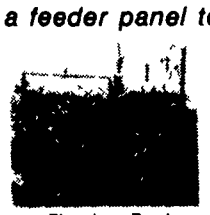

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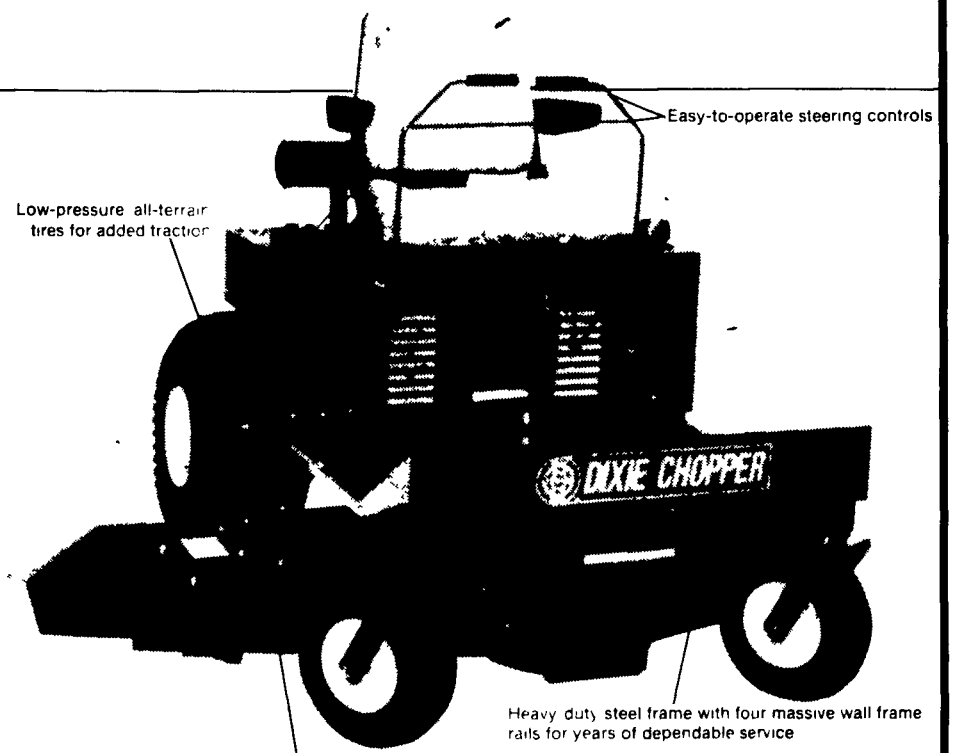
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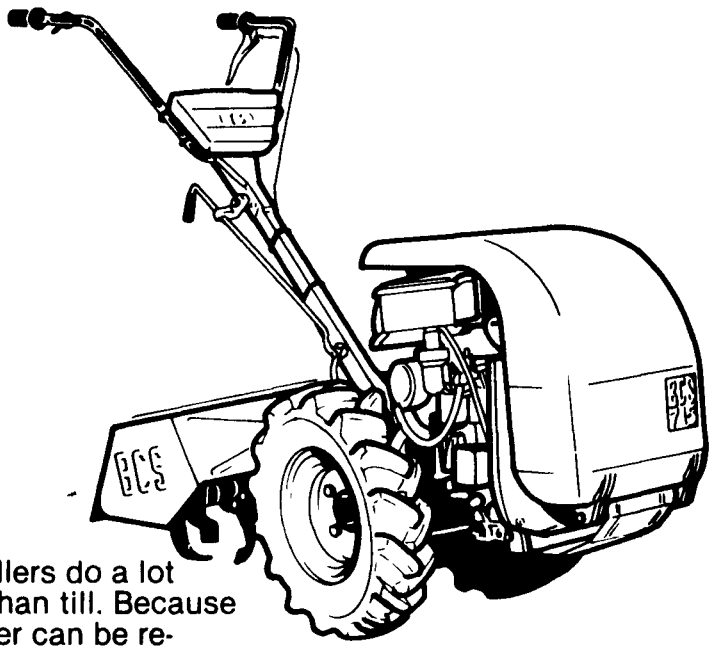

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FFA Keystone Winners honored at Farm Show

(Continued from Page D7)

showman award at the 1984 Bedford County Fair, third-place intermediate market hog at the 1984 Blair-Bedford-Fulton FFA Market Hog Show and a fourth-place award at the latter show this year. Her farming program earned her a gold medal in the Area Farming Program contest.

The fourth member of her family to receive the Keystone Degree, Carol is also a member of the Central High Newspaper Club, the Yearbook Club, the Future Teachers of America, Girls Athletic Association, Drama Club and the Health Careers Club.

Following graduation Carol hopes to become a medical office assistant.

Stanley Kensinger

Stanley Kensinger, the son of Mr. and Mrs. Robert Kensinger, is a senior at Central High School. He held the FFA office of assistant chaplain in 1984 and presently is the assistant sentinel of the Central Cove chapter.

Stanley's farming program has involved dairy cattle and field crops, and he has exhibited his dairy heifer at the Morrison Cove and Regional FFA dairy shows.

In recognition of his achievements, he received a silver medal in the Area Farming Program contest and a second place in the Blair County Farming Program contest. He also participated in the state FFA Invitational Dairy Judging contest in 1982.

The fourth member of the family to receive the Keystone Degree, Stanley plans to work on the home farm with his brothers after graduation.

Vaughn Kruis

Vaughn Kruis, 17, of Altoona attends Tyrone Area High School and has been a member of the Warriors Mark FFA chapter for four years.

He has held the positions of FFA sentinel and vice president, and has logged more than 4,000 hours in the work experience program.

Vaughn's projects have include veal calves, steers and dairy heifers, and he has participated in many contests including land judging and project book contests at the county and state levels. He has placed first in the ag mechanics contest and earned the ag mechanics proficiency award.

Following graduation he plans to enter the dairy herdsman program at Williamsport Area Community College.

Holli Pheasant

The daughter of Mr. and Mrs. Marion Pheasant, Jr., of Williamsburg, Holli Pheasant is one of the top four senior vocational agriculture students at Williamsburg High School.

She is a college preparatory student involved in the vo-ag program through independent study. An FFA member since 1982, Holli has shown swine, market lambs, breeding sheep and steers at the Bedford Fair and Williamsburg Community Farm Show. She is an active member of the Blair County beef, lamb and swine clubs

In 1984 she received a gold certificate at FFA Week held at Penn State where she judged livestock. This past year she earned first place in a county essay contest and also received a gold award for recordkeeping in the State Bookkeeping Contest. She has served as chapter secretary and has participated on the Parliamentary Procedure Team.

Her other high school activities have included band, cheerleading, basketball, volleyball, Careers in Health club and youth education. She has also served on the yearbook staff and the school newspaper staff as both reporter and editor.

Following graduation, she plans to attend Juniata College as a pre-medicine major. Her long-range goals include becoming a pediatrician and raising sheep as a hobby.

Joel Pheasant

A senior at Central High School, Joel Pheasant is the son of Mr. and Mrs. Robert Pheasant of Williamsburg. He currently holds the office of reporter in the Central Cove FFA.

Joel's involvement in farming includes dairy cattle, market hog and field crop projects. He is current involved in on-farm work experience on a local dairy farm.

In 1983 he won a bronze medal in the Blair-Bedford-Fulton Area Farming Program and participated in the Blair County land judging contest in 1983 and '84.

In the future he would like to work for a local farm machinery dealer as a mechanic.

Dennis Smouse

The son of Charles and Fern Smouse of Altoona, Dennis Smouse attends Bellwood-Antis High School and has been an FFA member for four years.

His FFA projects have included beekeeping, strawberries, home garden, home improvements and on-farm occupational experience. He has served as chairman of the SOE, State and National Activities and Community Service committees.

Dennis has also served as chapter sentinel and student advisor, and has received awards in numerous contests including ag mechanics, area projects and foundation awards.

In his spare time he serves as a volunteer fireman, on the ambulance crew, the state forest fire crew and the wrestling team. His future hopefully holds a career in the construction industry.

Kathy Sollenberger

Kathy Sollenberger, the daughter of Mr. and Mrs. David A. Sollenberger, is a senior enrolled in the vocational agriculture program at Williamsburg High School.

A four-year FFA member, she has served as treasurer for the past two years. Her farming enterprises include dairy calves, heifers and cows, as well as beef and dairy beef finishing.

Kathy is participating in a supervised occupational experience program involving on-farm work experience on her father's dairy farm for the past two years. She has received county, area and local awards for her farming programs, and received the FFA Foundation Proficiency award in 1984.

Carol Frederick

Stanley Kensinger

Vaughn Kruis

Holli Pheasant

Dennis Smouse

Kathy Sollenberger

Robert Steinbauer

Craig Turnbaugh

Kathy has also attended FFA Activities Week for the past three years, where she won a bronze medal in 1983 and honorable mention in 1985 for dairy judging. She has shown heifers at the Morrison's Cove Dairy Show and steers at the Bedford County Fair.

This past summer she attended the National Rural Electric Youth Tour in Washington, D.C.; PAFC at Juniata College and AIC-NICE at Kansas State University.

Recently Kathy was selected to serve on the 1986 scholar staff at PAFC. She plans to work for a year following graduation before possibly attending college.

Robert F. Steinbauer

Robert F. Steinbauer, 17, is the son of Norman and Joyce Steinbauer of Altoona, and a student at Bellwood-Antis High School.

A four-year FFA member, his projects have included beef finishing, market lambs, turkeys, pullets, broilers, beekeeping and sweetcorn.

A Chapter Star Farmer in 1984, Robert attended the PAFC Summer Conference in the same year, and participated in the State Land Judging Contest (1984) and Public Speaking Contest (1983 and '84.) He has served as chapter reporter and treasurer.

His long-range goal is to start an agricultural aviation business after serving in the army as an aircraft mechanic and pilot.

Craig Turnbaugh

The son of Alton and Zeta Turnbaugh of Altoona, Craig Turnbaugh is a Bellwood-Antis student and four-year FFA member.

He has served as chairman of the Earnings,Savings and Investments committee, as well as the State and National Activities committee. His projects include laying hens and home improvements.

During FFA Activities Week he was awarded a silver medal in the State Parliamentary Procedure contest, and also received Foundation Awards in poultry and landscape management at the 1985 National FFA Convention. He has received awards for ag mechanics, tractor driving and the county creed contest, as well.

Craig's hobbies include four-wheel-drive vehicles and hill climbing. In the future he hopes to become a farm manager.

(Turn to Page D11)

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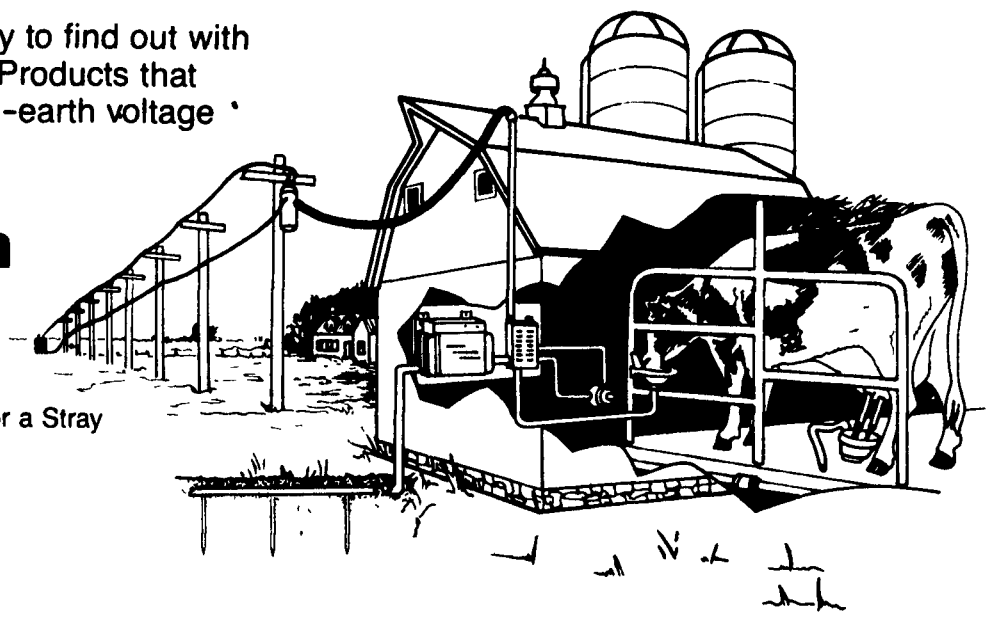

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Pennsylvania salutes its Keystone Farmers

(Continued from Page D10)

Thomas E. Whiteford

A four-year Bellwood-Antis FFA member, Thomas E. Whiteford of Bellwood counts swine finishing, home gardening and off-farm occupational experience among his chapter projects.

The son of Joseph and Cecelia Whiteford, Thomas has served as chairman of the recreation and community service committees, and has held the offices of chaplain and vice president.

He was awarded a gold medal in the State Land Judging Contest, and earned a silver medal in the State Parliamentary Procedure Contest. He has attended the Western Pa. FFA Leadership Conference and the 1983 National FFA Convention. He was also an agribusiness Foundation Award recipient.

Thomas has served as a volunteer with the fire department as well as the state forest fire crew, and is also an ambulance association member. His future plans include a career in heavy equipment operation and maintenance.

Bradford County

Lisa J. Acampara

Lisa J. Acampara, daughter of Louis and Peggie Acampara, Canton, a four-year member of the Canton FFA, has served as chairman of BOAC and pig ring committees.

She has shown in Black Angus competitions and has been a member of the FFA Band.

Lisa has been secretary of the Canton chapter for two years and secretary for the Bradford County FFA. She also has been the recipient of Greenhand and chapter awards.

Her extracurricular activities include cross country, marching and concert band, library club track and field, 4-H, Disco D-J club, and Interact, a school-related audio-visual group.

Lisa has served as basketball manager for the Canton Junior-Senior High School.

In true farm family fashion, Lisa plans to attend Penn State University and major in agricultural education.

John Beach

John Beach, son of Robert and Julia Beach, Granville Summit, has been involved in dairy herd projects during all four years he has been a member of the Troy chapter of FFA.

A student at Troy Senior High School, John has spent most of his extra time working with his FFA chapter as student advisor, chapter chaplain, as a member of the citrus committee (two years) and on the program of the work committee for two years.

He has been a member of the pest control committee and has helped set up the FFA booth at the county fair.

John has been the recipient of the S.T. Davey Award and received the silver medal for the state project book contest.

An avid hunter, John aspires to further his education following high school, then "locate a farm to work on that I could eventually own," he says.

Dave Bristol

Dave Bristol, son of Mike and Shirley Bristol, Troy, is a student at Troy Area High School.

He has been an active member of the Troy chapter of FFA for four years, participating in the scrapbook committee, the advertising committee, the BOAC committee and the citrus committee.

Dave has been involved with a dairy herd project for four years.

He was vice president of the chapter from 1982 to 1984 and is second vice president for 1985-86.

John has earned the Greenhand degree, the chapter degree and the county degree.

He took first place in the tractor-driving contest in 1984 and 1985, a feat which may have been the result of his long-standing interest in motorcycling.

John has been on the Troy High School football team for two years. He is a hunter and plans to join his father in dairy farming in the future.

Lisa Chapman

Lisa Chapman, daughter of William and Sally Eick, Columbia Cross Roads, attends Troy Area High School and has been a member of Troy chapter, FFA, for four years.

Thomas Whiteford

Lisa J. Acampora

Lisa Chapman

Nathan D. Harkness

Her FFA activities include dairy projects, in which she balances work with six Jerseys.

She has been a member of the chapter work committee and BOAC committee.

Lisa was the recipient of the 1986 H.C. Fetterolf Jersey Breeders Award in addition to numerous show awards.

She has earned the Greenhand degree, the chapter degree and the county farmer degree.

Lisa was premier Jersey exhibitor in the 1985 All American Dairy Junior Show.

At school, she participates in volleyball and the drama club and, of course, in the 4-H dairy group.

Lisa says she loves travel because she likes "to meet people." Following graduation, she intends to help her father on his dairy farm and "do some traveling."

Nathan D. Harkness

Nathan D. Harkness, son of Dana and Mary Harkness, Gillett, is a four-year FFA veteran of the Troy chapter, serving two years as chapter president and two years as county president.

He was junior chapter president from 1982 to 1983 and has served as

John Beach

Dave Bristol

a state delegate and a WCP participant.

He holds the Star Greenhand, the chapter farmer degree and the county farmer degree.

Nathan has chaired the program of work committee and has served on the citrus committee for two years.

He was a first place winner in the dairy foods contest.

Nathan is a member of his high school's student government (two years) and has participated in football.

He is interested in both fishing and hunting.

Nathan will attend a college or university following graduation, with a major in political science.

Stephen Mattocks

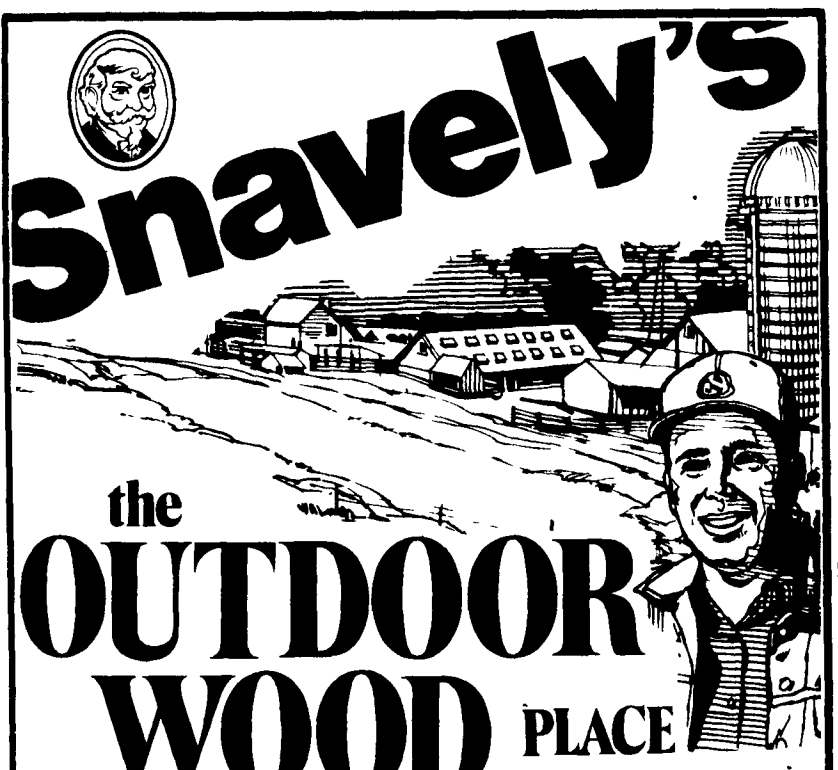
Stephen Mattocks, son of Duane and Sandra Mattocks, Troy, has been active in the Troy FFA chapter for four years.

Stephen is well on his way to becoming a successful farmer. He has worked with a dairy herd project for four years and presently owns a half interest in a 40-cow dairy and 21 heifers. All are registered Holsteins, reports Stephen.

"I also have 50 acres of corn and 70 acres of alfalfa as a project," notes the busy young farmer.

But despite his farm work, Stephen has been involved in many FFA chapter committees, in-

(Turn to Page D12)



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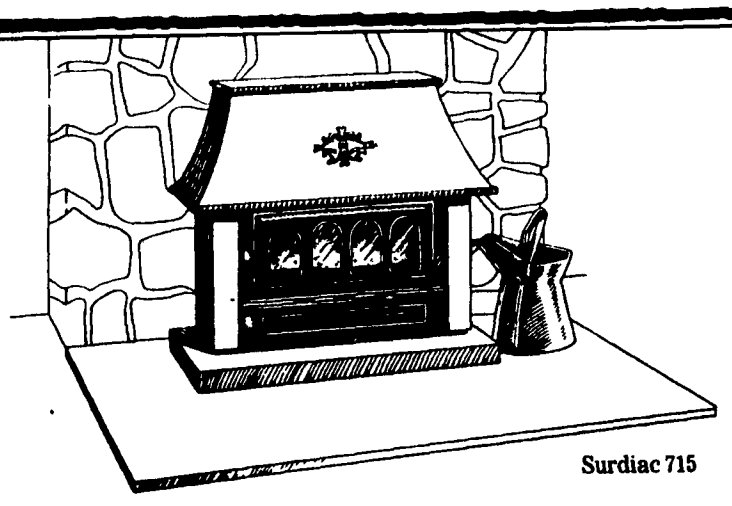

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(Continued from Page D11)

cluding the BOAC committee for two years, the citrus committee for one year, the scrapbook committee for a year, the program of work committee for two years and the building committee for a year.

He is this year's chapter chaplain. In 1984-85, he served as chapter vice president and as county vice president.

In 1982-83, Stephen was junior chapter vice president. He holds the Greenhand, chapter and county farmer degrees.

Stephen received the chapter proficiency award for dairy in 1984 and in dairy cattle showing was reserve junior all-Pennsylvania junior 2, showing the second best intermediate heifer calf at the state FFA show.

At Troy Area High School, he has been a member of the 4-H dairy club and the junior Holstein club. He is on the school football team for two years.

Stephen has definite plans for his future. He says, "After graduation, I will be farming full-time in partnership with my grandfather."

Butler County

Michael "Mike" W. Kelley

Mike Kelley, son of Wayne and Margaret Kelley, Sarver, is in his fourth year as a member of the Knoch chapter, FFA.

A student at Knoch Junior-Senior High School, Mike, plans to go into farm production following graduation.

His FFA activities include sheep breeding and wildlife conservation; marketing lambs; beef finishing; and earnings, savings and investment.

Mike is chapter treasurer for 1985-86. He holds the Greenhand, chapter farmer and county farmer degrees.

He has participated in meat judging, agronomy, dairy judging, public speaking, sheep production and beef production.

In-school activities include track and field, football and intermural basketball.

A mechanic, Mike enjoys working on cars, trucks, motorcycles, tractors and heavy equipment.

But during fishing and hunting seasons, Mike leaves his cars and trucks for the woods and streams of Butler County.

Scott Longdon

Scott Longdon, son of Mr. and Mrs. Ivan E. Longdon, Renfrew, has been active in the Knoch chapter of FFA for four years.

He is in his second term as president of the chapter. He is the holder of the Star Greenhand degree and has been recognized for swine production.

Projects include breeding sheep, marketing sheep and swine, truck crops and beef finishing. He is a member of the leadership committee.

A student at Knock Junior-Senior High School, Scott plans to attend college to pursue an agricultural degree.

His hobbies include showing and judging livestock and hunting.

Craig Miller

Craig Miller, son of Mr. and Mrs. Reid Miller, Cabot, has been a member of the Knoch chapter, FFA, for three years.

His FFA activities include dairy herd, truck crops, oats, hay, corn and wheat.

Craig has served on both the state activities committee and the scholarships committee and has been involved in the chapter's money-making projects.

He has been a chapter advisor and holds the Greenhand, chapter and tri-county degrees.

Craig has many outside interests, including hunting, building, metal or wood projects, showing cattle and restoring old cars.

He plans to join his family's dairy business on graduation.

Carl Richard Shuler Jr.

Carl Richard Shuler Jr., son of Carl and Marilyn Shuler (Sr.), Fenelton, has served as president of his FFA chapter, the Butler County Vo-Tech chapter, and has served as reporter for the chapter.

He holds the Greenhand and the chapter farmer degree and has been the recipient of both the Star Greenhand and Star Chapter Farmer awards.

Craig has been recognized for public speaking, diversified crop production and diversified livestock production.

He has been the recipient of the DeKalb Accomplishment Award, the State Production Credit Award in Record Keeping and was the state proficiency winner in Soil and Water Management.

His supervised occupational experience includes beef finishing, corn for grain, oats, wheat, hay and corn silage.

Craig has participated on the FFA public relations committee and the banquet committee and attended the Pennsylvania Leadership Conference at Indiana University of Pa.

He is a member of the Western Pa. Tractor and Truck Pullers Inc.; Butler County Livestock Club; and Butler County Breeders Club.

Craig plans to obtain a degree in agriculture at Butler Community College and work on the family farm.

(Turn to Page D13)

Stephen Mattocks

Michael W. Kelley

Scott Longdon

Craig Miller

Carl R. Shuler Jr.

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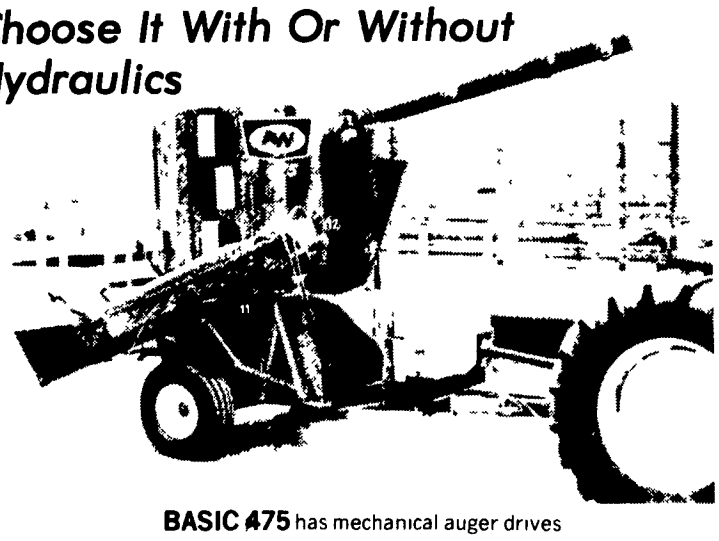

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Keystone Farmers are in the spotlight

Centre County

(Continued from Page D12)

Joyce Leann Harpster

Joyce Leann Harpster, daughter of Harold and Shirley Harpster, Boalsburg, attends State College Area Senior High School.

She is in her fourth year as a member of the State College "Little Lions" FFA chapter.

She is 1985 chapter president and was chaplain in 1984. She was awarded Star County Agribusinessman honors in 1985 and holds the Greenhand, Star Greenhand, chaper farmer and county farmer degrees.

Joyce has earned awards in swine production, sheep production, soil and water management, public speaking, dairy production and diversified livestock.

She was also the recipient of the Outstanding Junior Award and the R.A. Smith Memorial Award (outstanding sophomore award).

FFA activities include projects in dairy cattle, breeding swine and sheep, marketing lambs and swine, and working with dairy goats and dairy heifers.

She has participated in the following committees: citrus sales, float and exhibit, seed sales, Ag Promotion Day, banquet, Keep America Beautiful (chairman), meat sales, candy sales and sheep field day.

Joyce is a member of her school's improvement team.

She has plans to attend college, majoring in animal production or agricultural education.

Lee Charles Ishler

Lee Charles Ishler, son of Mr. and Mrs. Lee A. Ishler, Pleasant Gap, attends Bellefonte Area High School and is in his fourth year as a member of the Bellefonte FFA chapter.

He has served as president, vice president, and parliamentarian of the chapter.

Joyce L. Harpster

Lee C. Ishler

Degrees received include Greenhand and chapter farmer. He has been the recipient of the Star Greenhand Award, the chapter leadership and scholarship award, Star Chapter Farmer Award and chapter beef production award.

FFA projects include beef production, parent-member banquet (chairman), sausage sale, hayride, seed sale, fruit sale and window exhibit contest.

Other projects include small gasoline engines, parliamentary procedure and state demonstration team for two years.

A hunter and fisherman, Lee plans to attend college after graduation.

David Lynn Keller

David Lynn Keller, son of Barry and Barbara Keller, Centre Hall, is a student at Penns Valley Area High SChool and a three-year member of the Penns Valley FFA chapter.

He has served as president of the chapter and won the United States National Leadership Merit Award in Agriculture.

He holds the Greenhand and chapter farmer degrees.

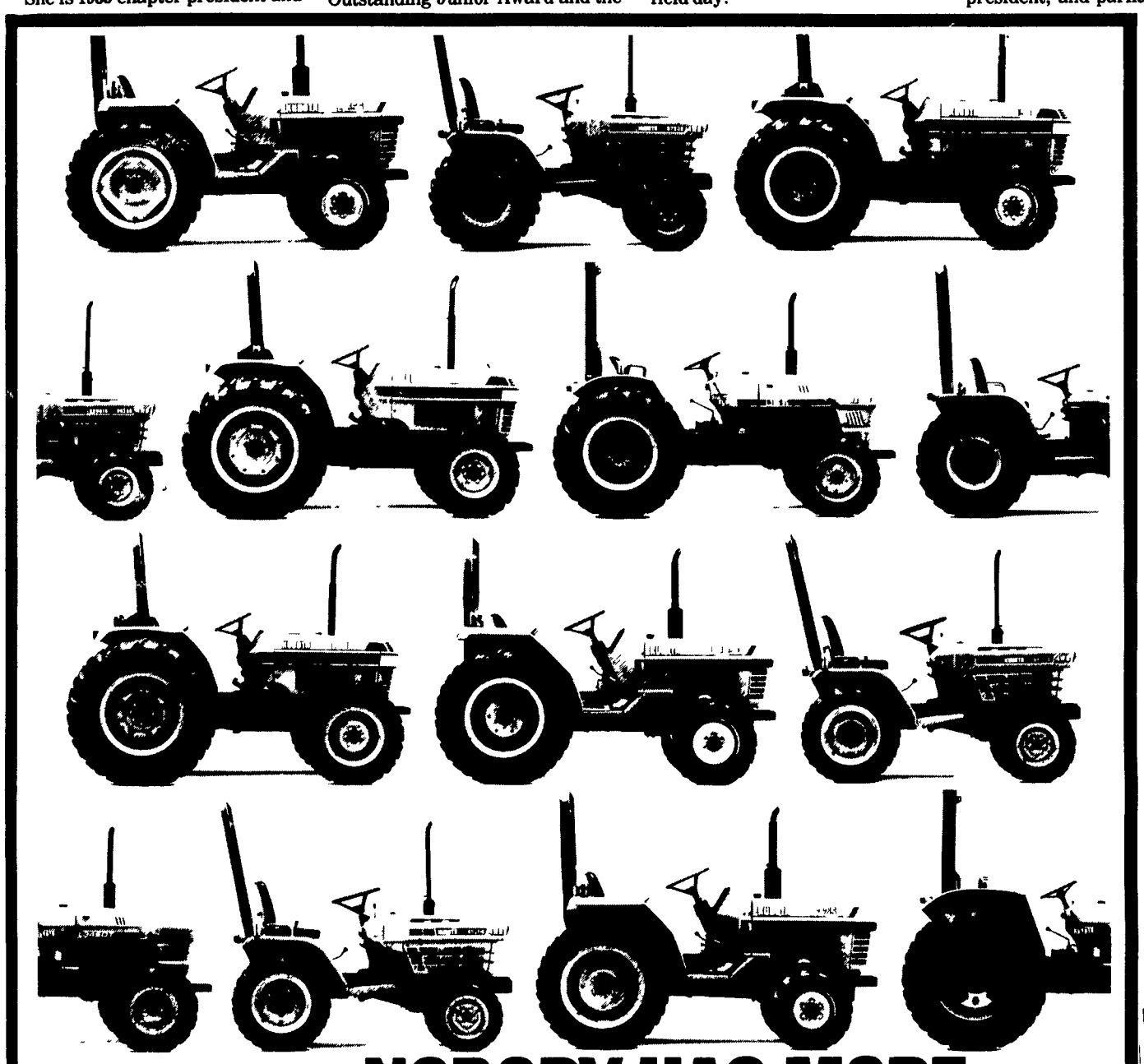
David has won two area gold medals in the project book contest and a silver and a bronze medal in the state contest.

He was also an award winner in the soils contest.

FFA projects include dairy cows and heifers and dairy calves.

He has served on the following committees: financing of projects, project tours, dairy princess contest, care and establishment of school ornamentals, Environmental Day, maintaining

(Turn to Page D16)



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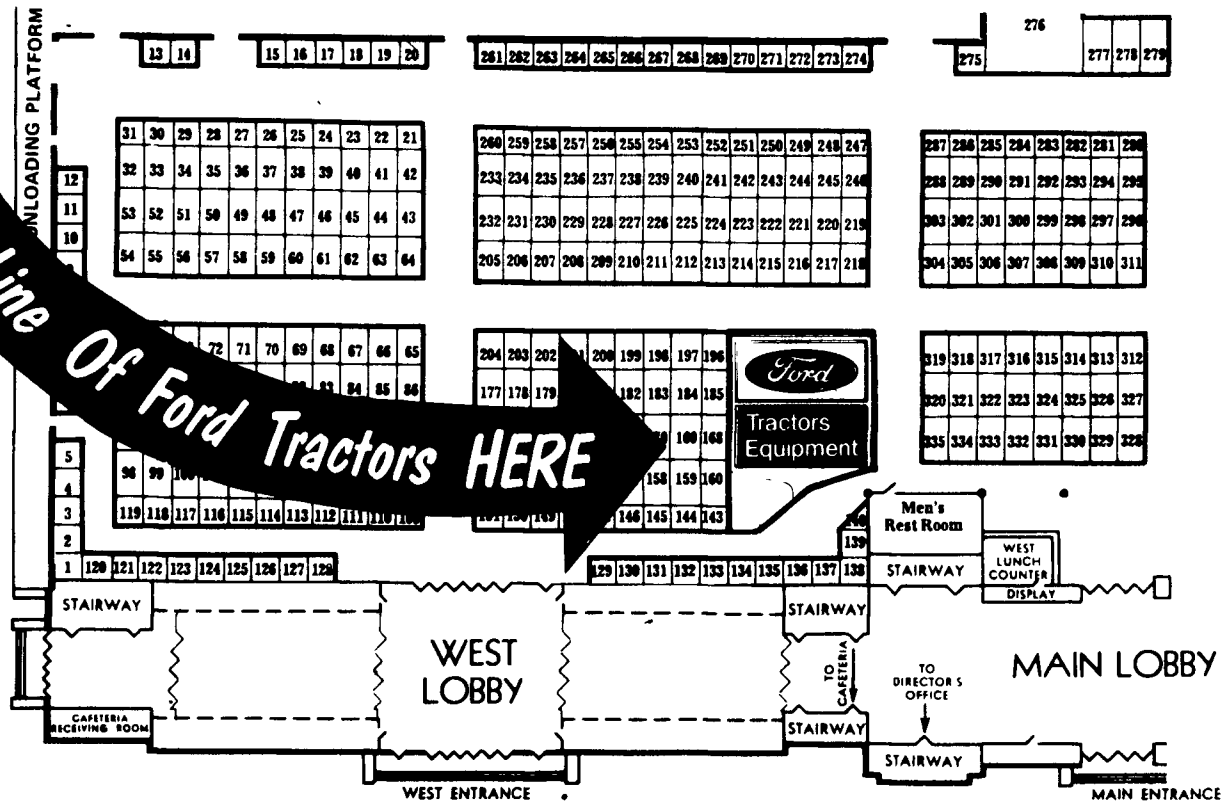

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Keystone Farmers are tomorrow's leaders

(Continued from Page D13)

signs and markers, area contest sponsoring and BOAC.

Other activities include football, baseball, farming and church youth group (president).

David plans to attend college and major in agriculture.

He is interested in hunting, fishing, wood-working and horseback riding.

Lillian G. Musser

Lillian G. Musser, daughter of Frank and Crissie Musser, Bellefonte, has been secretary, president and vice president of the Bellefonte FFA chapter.

A member of the chapter for four years, she has earned the Greenhand degree, the chapter farmer degree and has been the recipient of Keystone Farmer awards.

She has been recognized in the area of beef production, sheep production, parliamentary procedure and leadership.

Committees on which Lillian has served include budget, degree and initiation, recreation and public service, hayride, sausage sale, fruit sale, window exhibit, animal ring-judging team, trip, seed sale, float contest, petting zoo and parent-member banquet.

She has been involved with beef and sheep projects, was a member of the demonstration team and attended the co-op conference.

A Bellefonte Area High School student, her other activities include intramural sports, gymnastics, 4-H Sheep Club, 4-H Rec Team, student trainer and Logan Grange 109.

She is interested in canoeing, camping, hiking, horesback riding, square dancing and sports.

Future plans include attending business school to study marketing and management.

David K. Seamans

David K. Seaman, son of David and Suzanne Seamans, State College, is a student at State College Area High School.

He is a fifth-year member of the State College "Little Lions" FFA chapter, which he has served as president and chaplain, and has participated in the state band.

He has been recognized for parliamentary procedure, public speaking, livestock judging, national talent, dairy products and ornamental horticulture.

His chapter activities include calling for the square dance team, SOE on-farm and off-farm labor, beef cattle breeding, market beef fitting and showing beef cattle.

He has been manager of a women's league softball team and has participated on the 4-H Rec Team and on the Seven Mountains bowling team.

Following graduation, he plans to attend the Pennsylvania State University College of Agriculture.

Mike Wance

Mike Wance, son of Terry and Patricia Wance, Rebersburg, is a three-year member of the Penns Valley FFA chapter.

FFA projects include dairy cows and dairy calves.

He has served on the donkey basketball and citrus sales committees.

Mike's FFA achievements include soil judging contest, project book contest, chapter farmer degree, Greenhand degree and scholarship award.

A student at Penns Valley High School, he plans to go into the dairy business following graduation.

Mike takes a great interest in snowmobiling in the winter and enjoys archery.

Chester County

Bill Blank

Bill Blank, son of Mr. and Mrs. Elam Blank, is a student at Octorara High School and a four-year member of the Octorara FFA chapter.

He has served as county president and chapter vice president.

Bill has earned the Greenhand degree, the chapter farmer degree and was awarded the chapter's Outstanding Dairy Award.

He has served on the calendar committee and the banquet committee.

He is a member of the National Honor Society, serving as president of his school's chapter in 1984-85.

Bill also serves as vice president of his church youth group.

An avid golfer and skier, he plans to work with his father on the family dairy farm following graduation.

Kenneth James Soltys

Kenneth James Soltys, 17, is the son of Chester H. and Sandra E. Soltys Jr., Spring City. He has been a member of the Owen J. Roberts FFA Chapter for four years.

Kenneth has carried projects in dairy heifers, swine, field corn, poultry, sweet corn, alfalfa, wheat and soybeans. He was chairman for the Food for America, Banquet, Public Relations and Raffle Committees.

He has served his chapter as reporter, vice president and president. In addition, Kenneth received an area and a county Production Credit Award. He was a Star Chapter Greenhand.

Kenneth plans to major in agriculture business and management at Penn State. He would like to either return to the farm or get a job in agriculture.

Samuel Thaczuk

Samuel Thaczuk, 17, is the son of George and Betty Thaczuk, Elverson.

A student at Owen J. Roberts High School, Samuel has been a member of the Owen J. Roberts FFA for four years.

His projects have included working on the family dairy farm, field corn and dairy calves. He has been a member of the Food for America, Christmas Project and BOAC Committees.

Samuel has served his chapter as president and treasurer. He was a chapter delegate to the National Convention.

In addition, Samuel placed first in the Field Corn Contest in 1982 and 1984 and third in 1983. He won two silver medals and a bronze for dairy judging at Penn State.

Samuel plans to work on his family's farm until he can purchase his own farm.

Clarion County

Robert Reinsel

Robert Reinsel, son of Nicholas and Mary Reinsel, is in his fourth year as member of the Redbank Valley FFA chapter.

David L. Keller

Lillian G. Musser

David K. Seamans

Mike Wance

Bill Blank

Kenneth James Soltys

Samuel Thaczuk

Robert Reinsel

In 1984-85, Robert served as student advisor for his chapter.

He has received the Star Chapter Farmer Award and holds both the Greenhand and chapter farmer degrees.

FFA projects include dairy cow, dairy calf, dairy heifer, swine finishing, field corn and soybeans.

Committee memberships include citrus, tractor driving, poinsettia, initiation and outdoor contest.

Robert is also involved in 4-H Dairy Club, 4-H Swine Club and track at school.

His hobbies include tractor-pulling and riding his three-wheeler.

He plans to own and operate his own dairy farm and swine operation in the future.

Clearfield County

Daniel Scott Hemphill

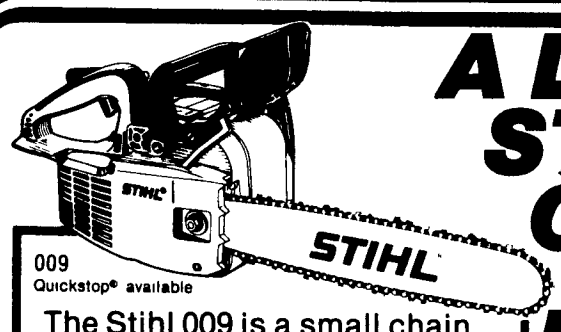
Daniel Scott Hemphill, son of Ronald and Nancy Hemphill, Box 358, Frenchville R1, is a student at Clearfield Area High School and has been a member of the Clearfield FFA for four years.

He has been involved in the FFA 1984-85 state association summer convention and the 1982-83 mid-winter convention cooperative activities. In addition, he is a member of the sweet corn, recreation and refreshment, and scholarship committees. He has also been involved in rabbit production, beef finishing, home improvement, garden, barnstead improvement and hay production activities.

Daniel served as 1984-85 chapter reporter, 1984-85 recreation and refreshment committee chairman, 1984-85 star chapter farmer and, 1982-83 star greenhand. He is serving as 1985-86 vice-president and recreation and refreshment chairman. He received the 1984-85 county production credit award, and the leadership training session scholarship award for 1982, 1983 and 1984.

He belongs to the CMA Church, the hunting and fishing club, the rifle club, the American rabbit breeders association, the New

(Turn to Page D22)



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1986 Pa. Farm Show Schedule

LIVESTOCK SCHEDULE — JUDGING, SALES, CONTESTS

Type of Livestock	January 11 SATURDAY	January 12 SUNDAY	January 13 MONDAY	January 14 TUESDAY	January 15 Wednesday	January 16 THURSDAY	January 17 FRIDAY
HORSES Large Arena			9 30 a m Belgian Clydesdale 11 00 a m Percheron 7 00 p m Hitched Classes 4 H Demonstration		4 30 p m Horse Pulling Contest Six Horse Hitch	6 00 p m Pony Pulling Contest	
DAIRY CATTLE Large Arena				8 00 a m Guernsey Brown Swiss Milking Shorthorn 9 30 a m Holstein 11 00 a m Ayrshire Jersey			
BEEF CATTLE Large Arena (unless noted otherwise)					9 00 a m Polled Hereford Angus 11 00 a m Limousin 12 noon Charolais 2 00 p m Simmental	8 30 a m Jr Beef Breeding Angus Charolais Simmental 12 noon Jr Steer Classes 3 15 p m Jr Beef Showmanship	1 30 p m Jr Steer Sale Small Arena
SHEEP Small Arena	6 00 p m Carcass Lambs	11 00 a m Cheviot Dorset Hampshire Shropshire Southdown Suffolk	9 00 a m Wool Judging 5 00 p m Wool Judging 5 00 p m Cornedale Rambouillet	7 00 p m Jr Sheep Blocking & Grooming Contest	8 30 a m Jr Breeding Sheep 10 00 a m Jr Market Lambs 1 00 p m Jr Lamb Showmanship 6 00 p m Sheep to Shawl Contest		12 30 p m Jr Market Lamb Sale
SWINE Small Arena	8 00 a m Berkshire Duroc Hampshire Landrace Spotted Swine Yorkshire		SALES 10 00 a m Landrace 12 noon Yorkshire 2 00 p m Spotted Swine	SALES 10 00 a m Berkshire 12 noon Duroc 2 00 p m Hampshire		8 30 a m Jr Market Swine 1 00 p m Jr Swine Showmanship	10 00 a m Jr Market Swine Sale
DAIRY GOATS Large Arena							9 00 a m Dairy Goats

AG ORGANIZATION MEETINGS SLATED FOR 1986 FARM SHOW WEEK

SATURDAY, JANUARY 11

3:30 p.m. . . . . .Pa. Cooperative Swine Breeders Association, Room B-Farm Show Building

SUNDAY, JANUARY 12

4.00 p m . . . . . .Pa Dorset Breeders, Room A-Farm Show Building
Pa. Christmas Tree Growers Annual Meeting, Hershey Lodge & Convention Center

MONDAY, JANUARY 13

Pa. Christmas Tree Growers Annual Meeting & Banquet, Hershey Lodge & Convention Center
12 noon . . . . . .Pa Hampshire Swine Breeders Association, Room D-Farm Show Building
1.00 p m . . . . . .Pa State Grange, Room B-Farm Show Building
1:00 p.m . . . . . .Master Corn Growers Association, Room E-Farm Show Building
4:00 p.m. . . . . .Pa. Cooperative Swine Breeders Association, Room D-Farm Show Building

TUESDAY, JANUARY 14

Pa. Christmas Tree Growers Annual Meeting, Hershey Lodge & Convention Center
9.00 a m. . . . . .Society of Farm Women of Pa., Rooms D & E-Farm Show Building
1:00 p m . . . . . .Pa Brown Swiss Association, Room A1-Farm Show Building
1:00 p m. . . . . .Pa. Jersey Cattle Club, Room B-Farm Show Building
2:30 p.m. . . . . .Pa. Ayrshire Breeders Association, Room C-Farm Show Building
6.30 p.m. . . . . .Pa. Angus Association Annual Meeting & Banquet, Host Inn
6:30 p m. . . . . .Pa Dairymen's Association Annual Banquet, Penn Harris Motor Inn, Camp Hill
7:00 p m. . . . . .Pa. Draft Horse & Mule Association, Room C Farm Show Building

WEDNESDAY, JANUARY 15

9 00 a m. . . . . .67th Annual Mid-Winter Convention, Future Farmers of America, Harrisburg Forum
3 00 p m . . . . . .Pa. Charolais Association, Room A1 Farm Show Building
5:00 p.m. . . . . .Pa. Simmental Association, Room D-Farm Show Building

THURSDAY, JANUARY 16

9:00 a m. . . . . .4-H Potato Grading, Room E-Farm Show Building
Pa. Cooperative Potato Growers, Harrisburg, Sheraton Inn
Pa. Nut Growers Association

SHOW HOURS

Sunday . . . . . .Noon to 6:00 p.m.
Monday-Thursday . . . . . .8:00 a.m. to 8:00 p.m.
Friday . . . . . .8:00 a.m. to 4:00 p.m.

Free Admission; $2 Parking Fee

FEATURES IN THE LARGE & SMALL ARENAS

SUNDAY

11:15 a.m. . . . . .Non-Denominational Worship Service
Noon . . . . . .Opening Ceremonies—Music by Cumberland Valley H.S. Band
1-6 p.m. . . . . .Show open to public

MONDAY — **SECRETARY OF AGRICULTURE'S NIGHT**

6:30 p.m. . . . . .Awards:
*70th Farm Show Theme Award
*Farm-City Awards
*Farm Family Award
7:00 p.m. . . . . .Border Collie/Sheep Dog Exhibition
7:15 p.m. . . . . .Cumberland County 4-H Horse & Pony Demonstration
Hitched Horse Competition

TUESDAY — **MASTER FARMERS' NIGHT**

6:00 p.m. . . . . .Daigozivo Dance Group Folk Dance Festival
7:00 p.m. . . . . .Junior Sheep Blocking & Grooming Contest (Small Arena)

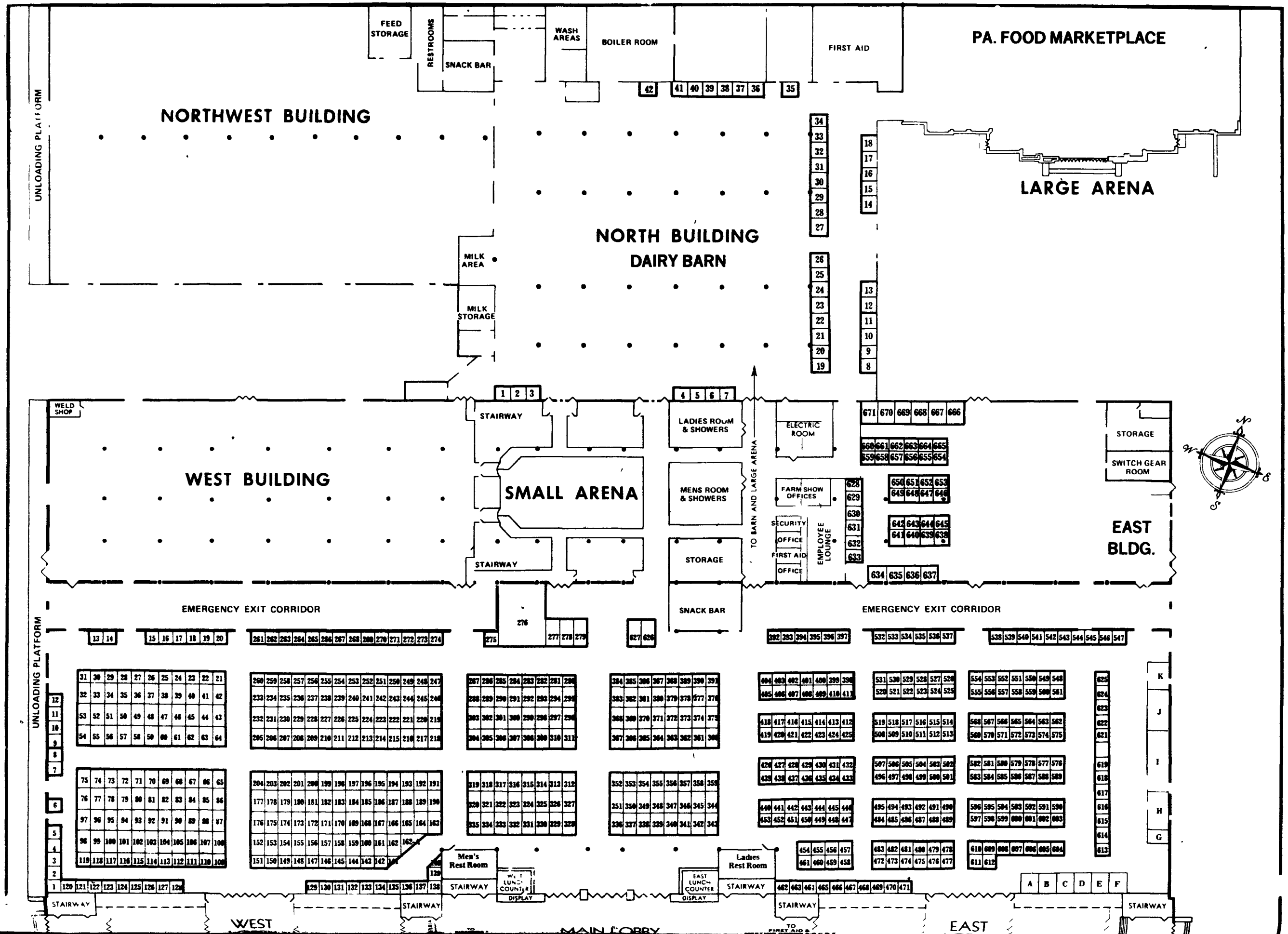
WEDNESDAY

4:30 p.m. . . . . .Lightweight Horse Pulling Contest
Six-Horse Hitch Demonstration
Heavyweight Horse Pulling Contest
6:00 p.m. . . . . .Pennsylvania Sheep to Shawl Contest & Auction of shawls (Small Arena)

THURSDAY

6:00 p.m. . . . . .State Championship Pony Pulling Contest

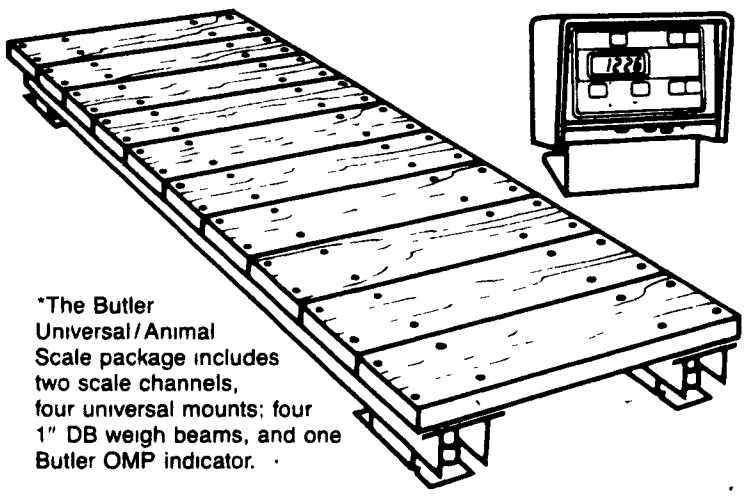
**The Governor's Mansion will be open to the public Monday and Tuesday of Farm Show Week from 10 a.m. to 2 p.m.


FEED STORAGE
RESTROOMS
SNACK BAR
WASH AREAS
BOILER ROOM
FIRST AID
PA. FOOD MARKETPLACE
NORTHWEST BUILDING
UNLOADING PLATFORM
LARGE ARENA
NORTH BUILDING
DAIRY BARN
MILK AREA
MILK STORAGE
WELD SHOP
STAIRWAY
LADIES ROOM & SHOWERS
ELECTRIC ROOM
STORAGE
SWITCH GEAR ROOM
WEST BUILDING
SMALL ARENA
MENS ROOM & SHOWERS
FARM SHOW OFFICES
SECURITY OFFICE
FIRST AID OFFICE
EMPLOYEE LOUNGE
TO BARN AND LARGE ARENA
STORAGE
SNACK BAR
EAST BLDG.
EMERGENCY EXIT CORRIDOR
EMERGENCY EXIT CORRIDOR
UNLOADING PLATFORM
Men's Rest Room
Ladies Rest Room
WEST LUNCH COUNTER DISPLAY
EAST LUNCH COUNTER DISPLAY
STAIRWAY
STAIRWAY
STAIRWAY
STAIRWAY
STAIRWAY
WEST
MAIN LOBBY
EAST
TO FIRST AID

BUTLER® | Livestock Systems

builds performance leaders

More "weighs" to improve your profit margin

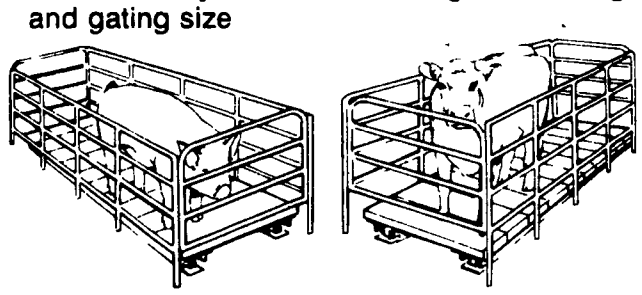


*The Butler Universal/Animal Scale package includes two scale channels, four universal mounts; four 1" DB weigh beams, and one Butler OMP indicator.

Today every dollar counts. And a Butler Universal/Animal Scale* can help you save more of them, by providing field-proven reliability and accuracy for weighing bulk commodities, pallets and boxes; culling market animals by weight; obtaining litter weights; selecting the best breeding stock; and evaluating feed performance.

Features include:

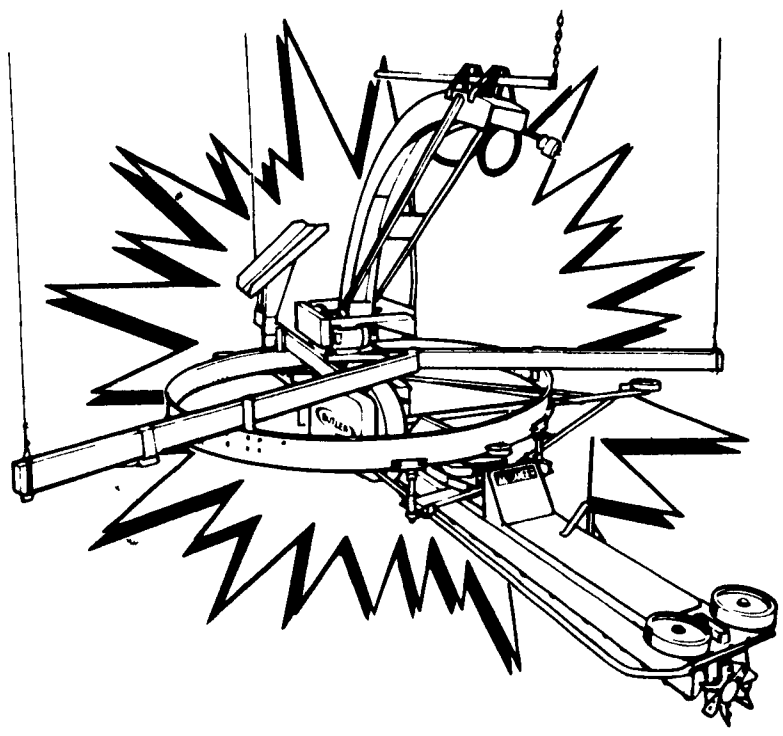
- 7 ft. long weighing surface; variable width up to 4 ft. to fit your alleyway
- 4,000 lb. capacity by 2 lb. increments
- ½% accuracy electronic scale system
- Reliable, shock-resistant strain gauge load cells
- Total flexibility with custom designed decking and gating size



See us for the performance leaders . . . in systems and service.

UNIVERSAL/ANIMAL SCALE

New unloader rates a "silo-bration"



At Butler, we just outdid ourselves with the new Volumaster silage distributor/unloader. It's a whole new machine that combines the best of the Butler/Jamesway Volumatic® III system with 25 new features for cost-effective feeding management.

- Even distribution, uniform compaction for controlled fermentation; reduced storage cost per ton.
- Fast, big-volume unloading.
- Works harder, with less maintenance.
- Designed for convenient, easy servicing.

See us for the performance leaders . . . in systems and service.

VOLUMASTER

Visit us in Harrisburg at the Pennsylvania Farm Show!

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Ephrata, PA 17522
717-354-6520

DEPENDABLE MOTORS
Honeybrook, PA
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215-273-3737

ERB & HENRY EQUIP., INC.
22-26 Henry Ave.
New Berlinville, PA
215-367-2169

GEER FARM & HOME SUPPLY
R #1, Box 181
Brookville, PA
814-849-5904

HARCLERODES DAIRYMEN SPECIALTY
New Paris, PA
814-839-2790

I.G.'s AG SALES
Silverdale, PA 18962
215-257-5136

J & M MACHINERY CO., INC.
Rt. 22 & 819
Greensburg, PA
412-668-2276
412-668-7850

K.C. DAIRY SERVICE
R.D. 1, Box 722
Mt. Bethel, PA
717-897-5141

HENRY S. LAPP
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Gap, PA 17527
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R.D. 2
Watsontown, PA
717-538-5521
717-742-7521
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SOLLENBERGER SILO CORP.
P.O. Box N
Chambersburg, PA 17201
717-264-9588

DANIEL STOLTZFUS
R.D. 2
Lewistown, PA 17044
717-242-0776

J.A. SWOPE
(Ribstone Silos)
Box 121, R.D. 1
Myerstown, PA
717-933-4758

HARRY L. TROOP
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DELAWARE

BENNETT MACHINE CO.
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Milford, DE
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MARYLAND

LEROY E. MYERS INC.
Rt. 1, Box 165
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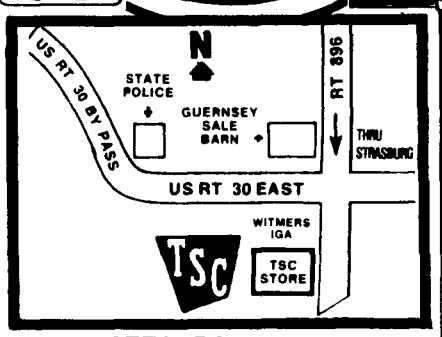
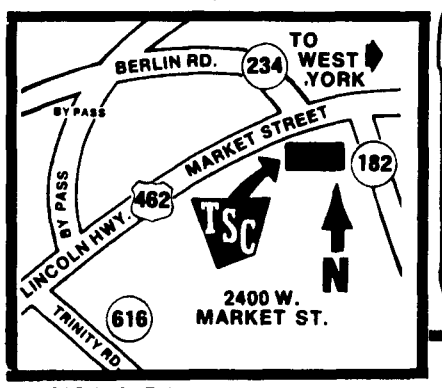
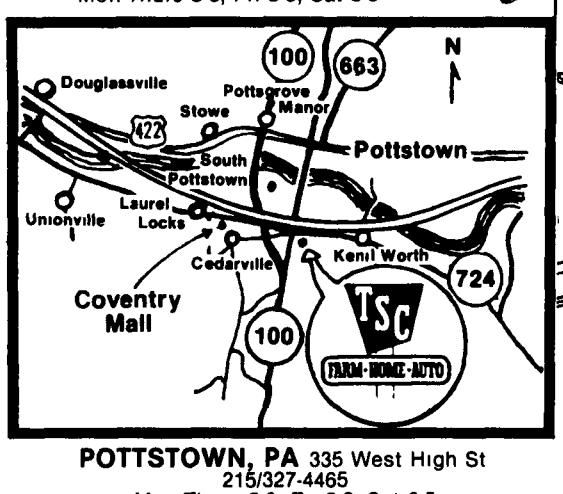


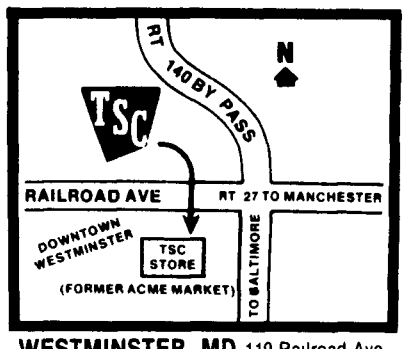
LANCASTER, PA 896 So. of Rt. 30E, Hartman Bridge Road, 717/687-7642-3, Mon-Thurs 8-6; Fri 8-9; Sat 8-5



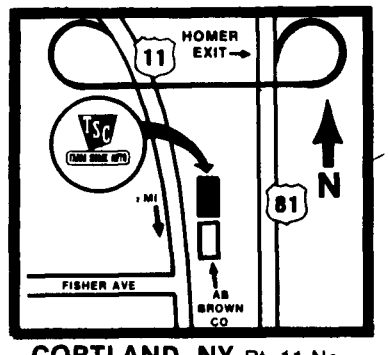
YORK, PA 2400 West Market St 717/792-3676 Mon-Thurs 8-6, Fri 8-9; Sat 8-5



POTTSTOWN, PA 335 West High St 215/327-4465 Mon-Thurs 8-6, Fri 8-8, Sat 8-5



WESTMINSTER, MD 119 Railroad Ave., 27 E. Manchester Rd., 301/848-2060 Mon-Thurs 8-6, Fri 8-8, Sat 8-5



CORTLAND, NY Rt. 11 No., Cortland-Homer Rd., 607/753-8244 Mon-Fri 8-6, Sat 8-5

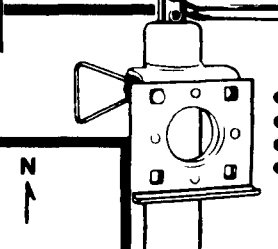
LEBANON, PA 720 Quentin Rd 717/274-2106 Mon-Thurs 8-6; Fri 8-9; Sat 8-5

KENDALL SUPERB 100 10W40 MOTOR OIL

- All Season Protection
- Protects Against Engine Rust & Corrosion
- Assures Smoother, Quieter Performance 8 30950

94¢ QT

(NO LIMIT)



WINDSHIELD WASHER ANTIFREEZE

- Protects Against Freezing to Minus 20°F
- Removes Salt, Dirt, Road Film
- Leaves Windshield Sparkling Clean 8 08301

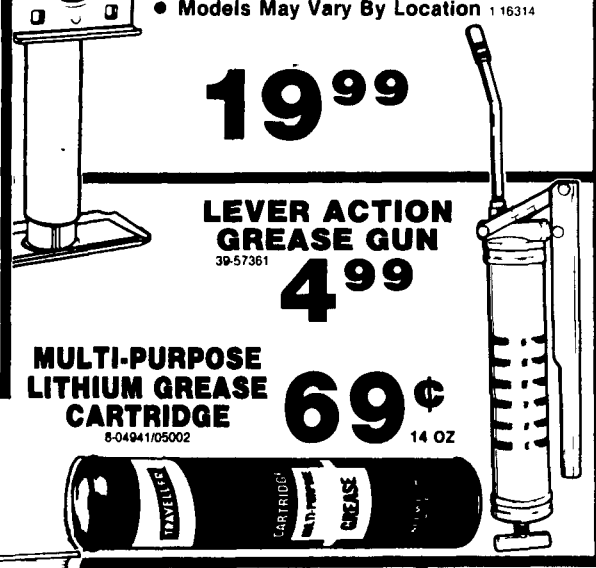
99¢ 1 GAL.

Brands May Vary By Location

MULTI-PURPOSE SKID JACK

- 2,000 Lb. Capacity, 10" Lift
- For Farm Implements, Trailers
- Swivel Mounting Bracket
- Models May Vary By Location 1 16314

19.99



LEVER ACTION GREASE GUN

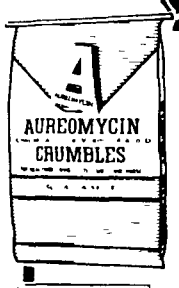
39-57361

4.99

MULTI-PURPOSE LITHIUM GREASE CARTRIDGE

8-04941/05002

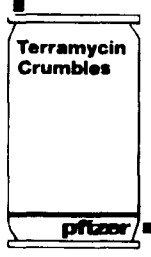
69¢ 14 OZ



AUREOMYCIN® CRUMBLES

22-02438

9.49 50 Lb Bag



TERRAMYCIN® CRUMBLES

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9.99 50 Lb Bag

MILK REPLACER

REGULAR	Guaranteed Analysis	
	Crude Protein	24%
	Crude Fat	10%
	Crude Fiber	1%

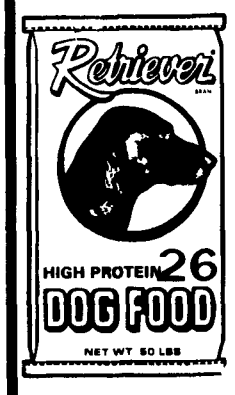
22 11005

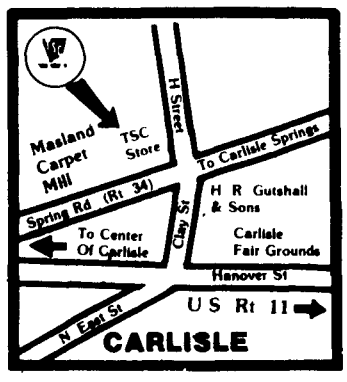
18.99 50 Lb Bag **369.00** 1/2 Ton

PREMIUM	Guaranteed Analysis	
	Crude Protein	21%
	Crude Fat	15%
	Crude Fiber	5%

22 11055

24.99 50 Lb Bag **23.99** 10 Bags or More





CARLISLE, PA 1188 Spring Rd., formerly Arnold Motors, 717/245-2334 Mon-Thurs 8-6 Fri 8-9 Sat 8-5

POLI-TRON

11' BUNK FEEDER

- Tubular Steel Construction, High-Impact Polyethylene Hopper

21 79130

$99

HAY RACK FOR 11' BUNK FEEDER

21 79148

$79.99

4' BUNK FEEDER

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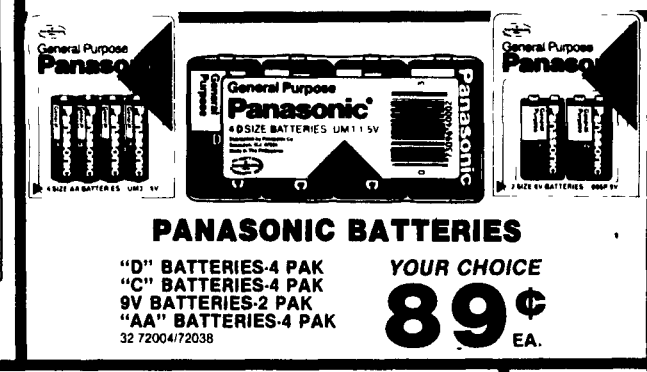
54.99



7" LINESMAN PLIERS

39-68142

7" DIAGONAL PLIERS

39-68118

8" LONG NOSE PLIERS

39 68134

6" LONG NOSE PLIERS

39 68126

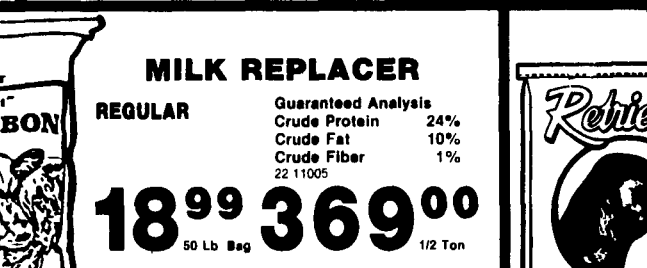
6" DIAGONAL PLIERS

39 68100

YOUR CHOICE **3.99**

12" ADJUSTABLE WRENCH 39-67950

6.99

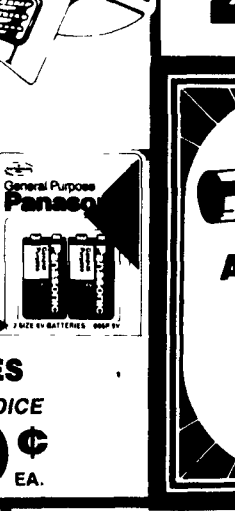


PANASONIC BATTERIES

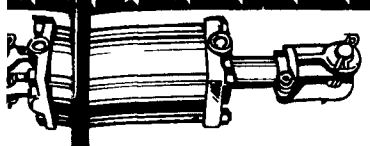
"D" BATTERIES-4 PAK
"C" BATTERIES-4 PAK
9V BATTERIES-2 PAK
"AA" BATTERIES-4 PAK

32 72004/72038

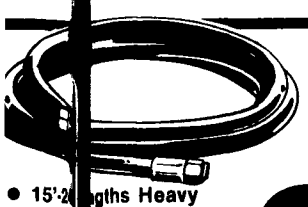
YOUR CHOICE **89¢** EA.



L·A·BRATION



8 HYDRAULIC CYLINDER
49.99



REMNANT AIR HOSE
- 15'-20' Lengths Heavy Duty Hose
- ¼" Hose Fittings on Both Ends
- Braid Reinforced

39 90305
2.99

8 LB. STEEL SPLITTING MAUL
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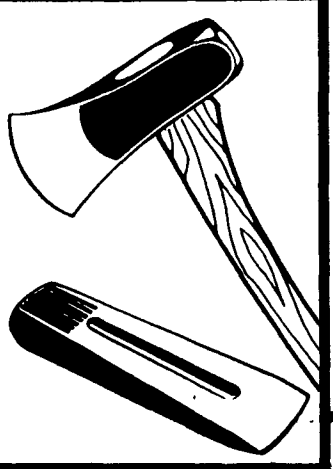
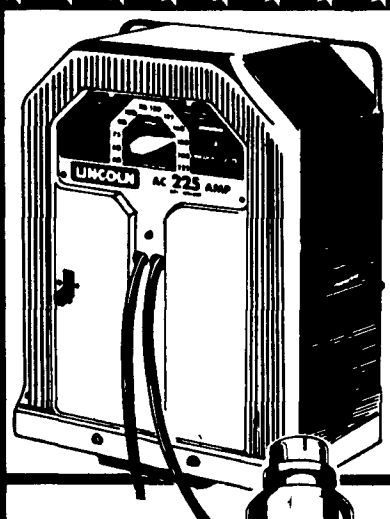
1[illegible].99

5 LB. STEEL SPLITTING WEDGE
50
4.99





225 AMP ARC WELDER
- 11 Amperage Settings
- 15' Electrode Cable & 10' Ground Cable
- 5' #10 Power Cable

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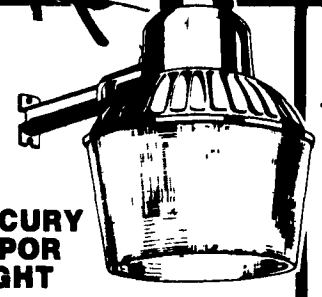
144.99



MERCURY VAPOR LIGHT
- 175 Watt, Uses Less Than ½ the Energy of Incandescent Bulbs

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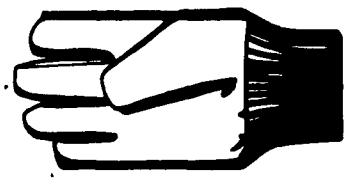
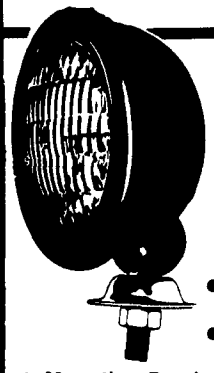
32.99



12 PK. GOLDEN CHORE GLOVES
83-01771
11.99 DOZ PRS

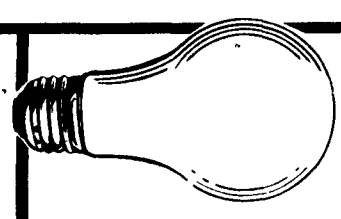
ENTIRE STOCK MEN'S, LADIES' BOYS' JACKETS
25% OFF
WHILE THEY LAST SUBJECT TO STOCK ON HAND

TRACTOR MUFFLERS IN STOCK
2 OFF
16 TO 18 GA. ALUMINIZED STEEL



6V OR 12V TRACTOR/ UTILITY LIGHTS
- Throws Brilliant Diffused Beam
- Black Enamel Finish
- Mounting Bracket Allows Vertical & Horizontal Adjustment

6V 2 83810 12V 2 83628
YOUR CHOICE 9.49



INSIDE FROST LIGHT BULBS 60W, 75W, 100W
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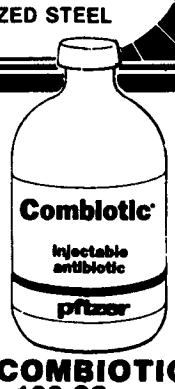
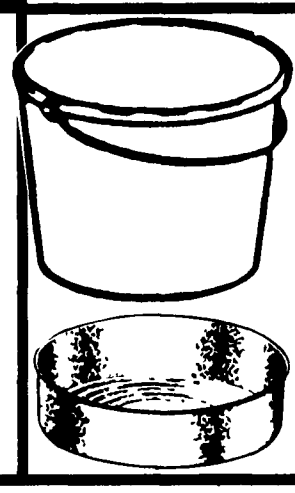
YOUR CHOICE 2 PK.
69¢

ENTIRE STOCK MEN'S & BOYS' INSULATED COVERALLS
30% OFF!
WHILE THEY LAST SUBJECT TO STOCK ON HAND

RETRIEVER HI PROTEIN 26 OG FOOD
22 58942
9.99
50 LB. BAG
2 BAGS FOR 19



COMBIOTIC
100 CC 22 06482
5.79
250 CC 22 06474
13.49

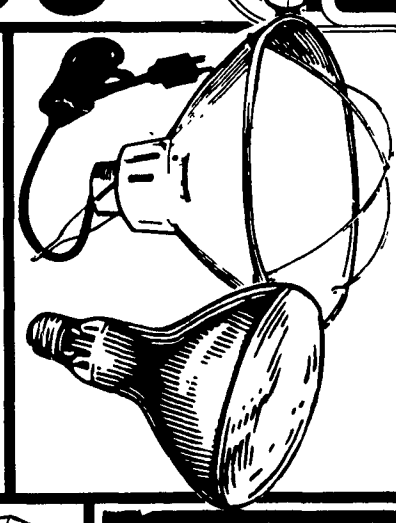


10 QUART BUCKET
- Quality Polyethylene

22 28507

OR METAL UTILITY PAN
- Dimensions 15¼"x35/8" Deep

21 71344
YOUR CHOICE
1.49 EA
WHILE THEY LAST SUBJECT TO STOCK ON HAND

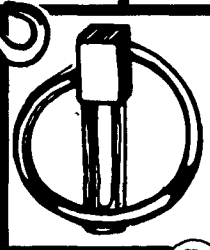


10½" BROODER REFLECTOR
- 10½" Deep Dish Aluminum Reflector w/Bulb Guard & Hang-Up Hook 32 08306

4.49

HEAT BULBS
125 WATT OR 250 WATT CLEAR 32-00560 32-00552
250 WATT RED 32-00536
YOUR CHOICE
1.49 3.99

AMERICAN GAGE 2 TON POWER PULL
Compact Cable Winch that Lifts, Lowers, Pulls & Stretches
One Hand Ease of Operation
93711



LYNCH PIN ASSORTMENT
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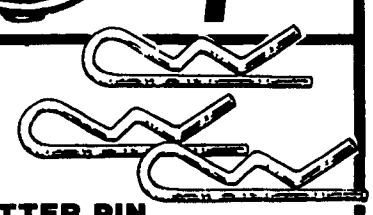

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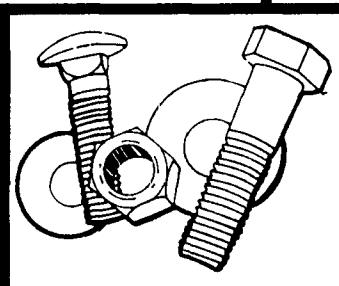

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(Continued from Page D16)

Zealand Rabbit Club and the Tri-County Rabbit Club. Daniel plans to join the military and to obtain his college education through the military. Upon retirement, he plans to return to his home farm and raise animals as a hobby. He includes raising rabbits, beef and horses and riding motorcycles as his hobbies.

Steve T. Howell

Son of Mr. Dennis D. Howell and Mrs. Linda M. Howell. Steve lives at Box 146, Clearfield R2. He is a student at Clearfield Area High School and has been a member of the Clearfield FFA for four years.

He has participated in four years of floriculture, home improvement and orchard projects as well as two years of vegetable gardening. Steve served as the 1984-85 chapter vice-president and was a delegate to the state convention. He participated in the dairy foods contest for four years and in the interview and horticulture contests. He went to the state convention in the interview category.

Steve participates in track and field, the CMA youth participation and works at the Clearfield County Market. He counts magazine, stamp and match book collecting as his hobbies. He plans to attend the DuBois Campus of the Pennsylvania State University where he will major in agri-business.

Crawford County

Lori Provost

Lori Provost, daughter of Charles and Sandra Provost, 591 Penn St., Linesville, is a student at Linesville Conneaut Summit High School and has participated in the Linesville FFA for four years.

She participated in SOE home gardening, and served as a member of citrus, cider and party committees and as chairman of the savings and investment committee. In addition, she served for two years as vice-president of the local chapter, was sentinel and treasurer of the county FFA, and holds the greenhand and chapter degrees. Lori earned an award in extemporaneous speaking.

Lori's extracurricular activities include drama club, newspaper staff and youth group. Her hobbies are running, crafts, bicycle riding and shooting pool. She plans to enter the medical field.

Cumberland County

Todd W. Crain

Todd W. Crain, son of William and Betty Crain, 1137 S. Spring Garden St., Carlisle, attends Boiling Springs High School and has been a FFA member for four years.

He participated in building a foot bridge across a stream at a local park which was later entered in the BOAC contest. In addition, he helps his group sell citrus to finance a trip. During 1984-85, he served as his chapter's vice-president and was elected 1985-86 president. In addition, he was awarded first place for his project book and won the area degree farmer award.

Todd plans to continues farming with his father and hopes eventually to have a farm of his own. His hobbies include snowmobiling and biking.

Dauphin County

Lydee Cassel

Daughter of Cleon Cassel, 55 Shetland Drive, Hummelstown, Lydee is a student at Lower Dauphin High School and has been a member of the Lower Dauphin FFA for four years.

Lydee's FFA project is breeding and training thoroughbred horses. She is a recreation member and a community services member.

She has received the horse proficiency award, the state project book gold award and is a star chapter farmer. She serves as FFA assistant secretary and as chairman of community services.

Lydee plays field hockey and enjoys hiking and road races. She plans a career training thoroughbred race horses.

James E. Crist

James E. Crist, son of Walter Crist and Dorothy Crist, Valley Road, Elizabethtown, is a graduate of Lower Dauphin High School and has been an FFA member for four years.

He participated in the dairy beef project and the public relations committee, the earnings, savings and investment committee and the cooperation committee. He has served as chapter sentinel and holds the greenhand, chapter, and CDP area degrees.

He participated in wrestling in freshman through senior years of high school. He plans a career as a dairy farmer. His hobbies include wrestling, traveling, softball and football.

Frank Gilbert

Frank Gilbert, son of Linda Gilbert, 7919 Humboldt Drive, Hummelstown, is a student at Lower Dauphin High School and has been a member of Lower Dauphin FFA for four years.

Frank's project is landscaping. He has served as chairman of conduct and meetings and the leadership committee. In addition, he served as treasurer and president and county president. He plays football and basketball and lists hunting and fishing as his hobbies. Frank plans to attend college to pursue environmental studies.

James Lesher Jr.

Son of James Lesher Sr., Lykens R1, James is a student at Upper Dauphin High School and has been a member of the Upper Dauphin FFA for three years.

He has served as fund-raising chairman and as a banquet committee member. He holds the greenhand, chapter farmer and CDP degrees. James wrestles and plays with his church softball league. His hobbies include wrestling, hunting and trapping and camping. He hopes to attend college and major in agri-engineering.

Daniel Scott Hemphill

Steve T. Howell

Lori Provost

Lydee Cassel

James E. Crist

Frank Gilbert

Todd Long

Susan Louise Mackereth

Todd Long

Todd Long, son of Stanley Long, Box 108, Hershey R1, is a student at Lower Dauphin High School and has been a member of Lower Dauphin FFA for four years.

Todd received a gold medal for his project book and served as a committee chairman. He lists hunting as his hobby. Todd plans to go into dairy farming.

Richard Mauser Jr.

Son of Richard Mauser Sr., Elizabethville R1, Richard is a student at Upper Dauphin Area High School and has been a member of Upper Dauphin Area FFA for four years.

He has participated in SOE sow raising and sow finishing. He has received the greenhand degree and is a chapter farmer. Richard served as his chapter's vice-president and president and holds the CDP area degree and is CDP secretary.

Richard has played football for four years and lists football, trapping and hunting as his hobbies. He plans to major in agri-engineering at The Pennsylvania State University.

Susan Louise Mackereth

Susan Louise Mackereth, 17, is the daughter of William and Edith Mackereth, Woodland. A student at Clearfield High School, Susan has been a member of the Clearfield FFA Chapter for three years.

Susan's projects have included tree fruits, home improvement,

(Turn to Page D25)

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Acra-Plant, Inc.	24, 25, 38 & 39
Adams County Nursery	482
Advanced Ag Systems	631 & 632
Ag-Bag Corporation	N19, N20 & N21
Agri-Broadcasting Network	537
Agri. Stabilization & Conservation Service	393
Agricol Corporation	628
Agrotec, Inc.	606, 607 & 608
Agway, Inc.	365-370, 381-386
Alamo Group, Seguin Texas Division	9 & 10
Allen, Co.	483
Allied Farm Equipment	168-170, 183-185, 196-198
Alpine Plant Foods, Ltd	657
American Breeders Service	N14 & N15
American Dairy Assn. & Dairy Council of NY	N4-N7
Amsoil	N17
Anchor Laboratories	510
Atlantic Breeders Cooperative	N42
Babson Brothers Co	402-404
Badger Associates	7 & 8
Badger Northland, Inc.	562-564, 573-575
Beachley Hardy Seed Co.	433 & 434
Bender Machine Works	502 & 503
Berg Equipment Co.	398 & 399, 410 & 411
Bountiful Ridge Nurseries	453
Boydell Farms	504
Brad-Tro Equipment	629 & 630
Brawley Distributing Co.	578 & 579
Brittingham Plant Farms	446
Brookside Industries, Inc	L9
Burlings Hatchery	664
Butler Livestock Systems	275-276
Butler Mfg. Co.	158-160, 143-145
Cagle Mfg. Co., Inc.	26, 27, 36, 37
Cann's-Bilco	557-559
Carlton Seed Co., Inc	442
Carter Seed Farm, Inc	452
Case Farm Hatchery	663
Case-Int , A Tenneco Co	65-71, 80-93, 102-115
Century Mfg. Co.	463
Clay Equipment Corp	520-522, 529-531
Conaway, Inc.	468-470
Cornell Mfg. Co.	548-549, 560-561
Culligan Water Conditioner	U2
Cummins Engine Co., Inc.	458 & 459
Cummings & Bricker	350-353
Custom Feed Seed.	662
Dairy Equipment Co.	526-528
Danco Products	50 & 51, 56 & 57
Deere, John Co.	212-225, 240-253
Dekalb-Pfizer Genetics.	488 & 489, 490 & 491
DeLaval Agri. Div.	417-420
Delaware Valley College	535
De Muth Steel Products Co.	277
Denlinger, Inc.	659
Deutz-Allis Corporation	146-157, 171-182, 199-204
Dickey-John Corp.	24, 25, 38, 39
Doebler's PA Hybrids, Inc	443-445
Dyna-Matic Feeding Systems, Inc.	268-269
E-Z Trail	26, 27, 36, 37
Eastern Milk Producers Cooperative	N22 & N23
Eccles Nurseries, Inc.	447
Electric Cleaner Co., Inc.	590
Engine Distributors, Inc.	511
F.M.C. Corp., John Bean Div.	312 & 313, 326 & 329
Farmers Home Administration	392
Farm Tech Service, Inc	658
Farmer Boy Ag, Inc.	L7
Farmmaster	656
Farmshine	543
Federal Crop Insurance Corp.	540
Fiberdome, Inc.	13 & 14
Fickes Silo Co., Inc.	266 & 267
Ford Tractor Operations	141-142, 161-167, 186-195
Furst McNess Company	516
Gans Tire Service	567-570
Gehl Co.	43-45, 62-64
Grain Systems, Inc.	604 & 605
Gravely Tractor Corp.	565 & 566, 571 & 572
Gro-Mor Plant Food Co. Inc.,	599
Growers Fertilizers Solutions	583 & 584
Hamilton Equipment Co.	314-319, 320-325, 330-335
Hanover Shoe Co.	462
Harrisburg News Co.	
Hartman Enterprises, Inc.	421
Haybuster Mfg., Inc.	666 & 667
Hedlund Martin Mfg., Inc.	642 & 643
Hefty, John Systems	576 & 577
Herr, E.M. Equipment Co.	602 & 603
Hesston Corp	94, 95, 100, 101, 116, 117
Hi Score Plant Food Co., Inc.	500 & 501
Hoard's Dairyman	532
Hoffman Seeds, Inc.	492-495
Homelite - A Div. of Textron, Inc.	512 & 513
Hostetler Truck Bodies & Trailers.	N32, N33, N34
Howard Rotavator Co., Inc.	131 & 132
Humane Equipment Co.	N38 & N29
Huskee Bilt Corp.	615 & 616
Independent Buyers Assn.	N12 & N13
International Stock Food Corp.	600 & 601
Internal Revenue Service	394
J.B. Packaging	660
J & J Agriproducts & Services	473 & 474
Jacques Seed Corn Co.	505-507
Jerr Dan Corp.	72, 73, 78 & 79
K & S, Inc.	21-23, 40-42
Kasco Mfg. Co., Inc.	26, 27, 36 & 37
Kaehr Pump Company	623
Kencove Farms	L12
Kendall Refining Co.	472
Keystone Ag Associates, Inc	N8 & N9
Kubota Tractor Corp., Northern Div.	46, 47, 60 & 61
Lamco Mfg. Co.	28-35
Lancaster Farming	274
Laubach Saw Equipment Corp.	514 & 515
Lee, R J. Co.	24, 25, 38 & 39, 26, 27, 36 & 37
Lely Corp.	11 & 12
Lincoln Electric Co.	460-461
Long Mfg. Co.	96-99, 118 & 119
M.K.S. Ag Enterprises, Inc.	L10
McConnell Mfg. Co.	52-55
McDade, C.A. Co., Inc.	342-345, 358 & 359
Madison Silo Co. of PA.	15-17
Maine Potato Commission	591
Martin Water Conditioning	464 & 465
Mathews Co.	348 & 349, 354 & 355
Melroe Co.	129A, 129, 130
Meyers Inc.	24, 25, 38 & 39
Milk Rite	N30 & N31
Modern Poultry Supplies, Inc.	665
Morton Buildings, Inc.	618 & 619
Moyers Chicks, Inc.	640 & 641
Mueller, Paul Co.	523-525
Muncy Chief Hybrids	448 & 449
NC+ Hybrids	499
Nachurs Plant Food Co.	478
NASCO, Inc.	Corridor
New Idea Farm Equip., Co.	205-207, 230-235, 258-260
Niemeyer Corp.	553-556
Norbco Equipment	N43 & N44
Norton Co.	542
Nupulse, Inc.	N39
Ohio Dairyland Cheese Co.	Corridor
P A G Seeds	609 & 610
P & L Enterprises	422
Pars, Inc.	661
Palco Livestock Equipment Co.	L6
Patz Co.	550-552,
Penn Forestry Co., Inc.	L2
Penn Jersey Products, Inc.	270-273
PA. Aggregates & Concrete Assn.	598
PA. Beef Council	NWB1
PA. Dept. of Agric.	278 & 279
PA. Dept. of Agric., PA Dairy Promotion Program	N45
PA Dept. of Agric., Horse Racing Commission	U4
PA. Dept. of Educ. Migrant Education Program	U1
PA. Dept. of Environmental Resources Bureau Of Forestry	541
PA. Dept. of Labor & Industry Office Of Employment	U5
PA. Farm & Power Equip. Assn.	336 & 337
Pennsylvania Farmer	395-397
PA. Farmers Assn.	456 & 457
PA. Farmers Union	534
PA. Florists Assn.	626
PA. Flower Growers	627
PA. Forestry Assn.	638
PA. Game Commission	L5
PA. Historical & Museum Commission	538 & 539
PA. Holstein Assn.	N36-N38
PA. National Farmers Organization	533
PA. Nurserymen's Assn., Inc.	639
PA. Relief Committee	L3
PA. Rural Electric Assn.	475-477
PA. Simmental Assn.	NWB
PA. State 4-H Organization	L-11
PA. State Grange	454 & 455
PA. State Maple Council	471
PA. State Sunday School Assn.	L1
PA. State University	426-430, 435-439
Pikes Peak Nurseries	451
Pioneer Hi-Bred International, Inc.	496-498
Power Pro Equip. Co.	133-137
Quality Building Systems.	637
Ration Maker East, Inc.	N40
Rayner Brothers	440 & 441
Raytec Mfg. Co.	N24
Red & White Dairy Cattle Assn.	N41
Ribstone Silos of PA.	18-20
Ritchey Mfg. Co.	N16
Rohrer, P.L. & Bros., Inc.	431 & 432
Roskamp Mfg., Inc	502 & 503
Ryder Supply Co.	338-341
Safeguard Products, Inc	654 & 655
Schlueter Co.	412-415
Schnupps Grain Roasting	644
Schoessow, Inc.	N1, N2, N3
Seal Crete	597
Seedway, Inc.	484, 485, 486
Seedway, Inc., Seem Seed Farm Division	487
Select Sires	N26
Sharon Metal Products, Inc	620 & 621
Shenango Steel Buildings	613 & 614
Show Ease Stall Co.	518 & 519
Sire Power, Inc.	N18
Slaybaugh Bros. Nurseries	596
Snavely, J.C. & Sons, Inc.	634-636
Snook, Earnest Equip. Sales	48, 49, 58 & 59
Sollenberger Silos Corp.	261 & 262
Sperry New Holland, A Div. of Sperry Corp	280-311
Stanford Seed Co.	479-481
Star Silo, Inc.	263-265
Starline Products, Inc	668-671
State Conservation Commission	L4
State Univ. of NY, Alfred College	U7
Stauffer Diesel, Inc.	585
Steiger Tractor, Inc.	74-77
Steiner Corp.	138-140
Stoltzfus, C.U. Mfg., Inc	580 & 581
Sukup Mfg. Co.	645
Swantak, Joseph, Inc	4, 5 & 6
Tam Agri Corp.	582
Tatge Chemical Co.-Tox O Wik Products	N10 & N11
Todd Farm Equipment	390 & 391, 374-377, 360 & 361
Top Line Corp.	400 & 401, 408 & 409
Troyer Mfg. Co.	592 & 593
U.S.D.A., Soil Conservation Serv	N35
U.S. Farm Systems of PA.	N25
Umbaugh Building Co.	622
University of PA. School of Veterinary Medicine.	536
Vanco Sales	517
Vermeer Mfg. Co.	L13
Vicon Farm Equipment, Inc	646-653
Vigortone Products	L8
WBYO 107.5 Boyertown Broadcasting	M/F
Wyant, Wayne R.	1-3
Wenger's Farm Machinery, Inc.	356 & 357, 346 & 347
Westfalia Systemat, A Div of Centrico, Inc.	423-425
White Farm Equipment Co	208-211, 226-229, 236-239, 254-257
Willard Battery Outlet	586
Williamsport Area Community College & the PA Dept. of Agric	U3
Winne, Frank W. & Son, Inc	587
Winpower Corp	466 & 467
Woodhouse, J.S. Co	362-364, 371-373, 378-380, 387-389
Woods, Div. of Hesston Corp.	127 & 128
Worley, M. Nurseries	40
Young's, Inc Livestock Nutritional Serv.	508 & 509
Zero Mfg. Co.	405-407
Zook & Ranck, Inc.	594 & 595
M.H. Eby, Inc.	65-74
Eshland Enterprises	2, 4, 6
Ever-Rain International, Inc.	49-54
Farmaster, Inc.	19
Feedmobile, Inc.	75 & 77
Hardy Mfg., Co.	36 & 38
C.B. Hoober & Son, Inc.	15-18
Hostetler Truck Bodies	122, 124, 126, 130, 132, 133, 135, 136, 1 & 3
Lee, R.J. Company	35, 37 & 39
M.K.S. Ag Enterprises	29, 31, 33
Mid Eastern Steel Buildings, Inc.	20
Moritz, Inc.	55-64
National Dist. Co.	30, 32, 34
National Irrigation, Inc.	89, 91, 93, 95, 97, 98, 99, 100
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Roskamp Manufacturing Company	119 & 120
Ryder Supply Company	5
Seal Crete, Inc.	21-28
Steiner Corp.	113-118
Taylor Systems, of PA	47, 48
Trional, Inc.	76, 78, 80
U.S. Farm Systems of PA.	11-14
Vermeer Mfg.	90, 92, 94, 96
Vigortone Products, Co.	83-88
Zook Manufacturing	40 & 42

FOOD MARKET PLACE - LARGE ARENA

Bakery In A Barn	10
Berks Packing Company	17
Boston Farm Products.	8
Cook Corner	7
Cope, John F., Inc.	23
Fresh Mushroom Awareness Assn.	3
Furman Foods, Inc.	16
Groff's Candies	11
Hall's Dairy - Pleasant Home Farms	20
Hatfield Packing Co	1
Herr Foods, Inc.	13
High Point Acres	14
Kitchen Kettle Foods, Inc	12
Leo's Dairy Market	15
Lime Valley Farms	22
Magic Wand Bakery	2
Nibble with Gibble's, Inc.	25
Palmyra Bologna Co.	24
PA. Bakers Assn.	6
PA. Co-Op Potato Growers, Inc.	4
PA. Maple Syrup Producers Council	18
Spring Glen Farm Kitchen, Inc.	21
Weaver, Daniel Company	19
Weis Markets, Inc	9

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PA. Horticultural Association
PA. Livestock Association
PA. Mushroom Growers Cooperative Assn
PA. Poultry Federation
PA. State Beekeepers
PA Vegetable Growers Ass.

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Brandt, Richard E., Real Estate.	44-46
Cummings & Bricker	121, 123, 125, 127, 129, 131
Eastern Mobile Mills	7-10

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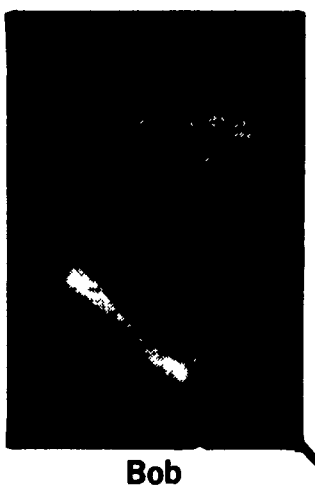
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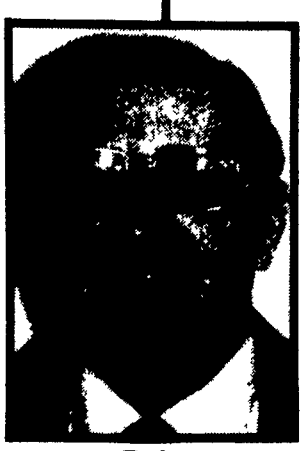
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Commonwealth salutes Keystone Farmers

(Continued from Page D22)

and vegetable garden. She has served as chairman of the Scholarship Committee and was a member of the Leadership, Recreation and Refreshment and Earnings and Savings Committees.

She holds the Greenhand and Chapter Farmer degrees. Susan has served her chapter as sentinel, secretary and reporter and is currently county secretary. Susan placed 12th in the state Creed Contest, third in the state Extemporaneous Public Speaking Contest and first in county dairy foods.

Susan has earned proficiency awards in fruit production, vegetable production, home improvement, floriculture and extemporaneous speaking.

In the future, Susan plans to become a Licensed Practical Nurse.

Bradley Miller

Son of Lee and Eva Miller, Box 717, Halifax R1, Bradley is a student at Haifax Area High School and has been a member of the Halifax Area FFA for four years.

Bradley has participated in the oats, market beef and work experience farming programs at Tobias Equipment. He has served on the banquet, seed sales, and swine chain, committees. In addition, he has served as his capter president and secretary and holds the greenhand and chapter farmer degrees. In school, he participates in the conservation club and the high school principal advisory committee. He lists hunting and riding motorcycles as his hobbies. Bradley plans to enroll in a diesel mechanic school.

Matt Miller

Matt Miller, son of David and Joetta Miller, Box 118A, Halifax R4, is a student at Halifax Area High School and has been a member of the Halifax Area FFA for four years.

Matt has participated in the vegetable crops and tree fruits projects and has served with the chapter swine, safety, recreation, banquet and fruit committees. In addition, he has served as chapter historian and vice-president and holds the chapter and greenhand as well as the Cumberland/ Dauphin/ Perry area star greenhand awards. He placed second in the creed speaking contest and third in the county FFA Bee.

In school, Matt plays football and baseball, wrestles, and is a member of the conservation club, the varsity club and the student council. He lists hunting and fishing as his hobbies. Matt plans to attend Lycoming College to major in environmental management.

Erie County

Ernest J. Buhl

Son of Bob and Carol Buhl, 9034 Old Waterford Road, Erie, Ernest is a student at Seneca High School and has been a member of Wattsburg FFA for four years.

He has participated in swine finishing, corn production and work experience projects for three years; and oat production, hay and straw, and dairy heifers for two years. Ernest holds the county farmer and star county farmer degrees and won first place in the Erie County creed speaking contest. He has served as Erie County FFA reporter, and 1982-84 chapter vice-president and 1985-86 president.

In high school, Ernest is vice-president of the National Honor Society and is a member of the Beefers 4-H Club. He lists showing cattle and pigs and renovating farm equipment as his hobbies. Ernest plans to earn a degree in dairy production from The Pennsylvania State University and to own and operate his own dairy farm.

Craig A. Krol

Craig A. Krol, son of Ted and Barb Krol, Waterford Road, Wattsburg R1, Union City, is a student at Seneca High School and has been a member of the Wattsburg FFA for four years.

Craig lists the following FFA activities: beef finishing-three years; market hogs-one year; work experience-four years; corn-one year; fruit sales committee, raffle ticket sales and onion sales committee.

In addition, he served as Erie County FFA advisor for two years, as Erie County treasurer for two years, as chapter president for one year, and as chapter vice-president for one year. He won dairy judging first place, soil judging third place, reserve grand champion steer, scond place in steer weight class, and a fourth place market hog.

In school, he played basketball(four years). He also played one year of AG basketball and four years of AG volleyball. He lists hunting, motorcycling, raising animals, and fixing cars and farm machinery as his hobbies. He plans to purchase his uncle's farm with its 32 milking cows and in ten years, add another twenty cows.

Duane Post

Duane Post, son of Ed and Karen Post, Lyons Road, Union City R4, is a student at Seneca High School and has been a member of the Wattsburg FFA for four years.

He has participated in the following FFA activities: home garden-one year; work experience-three years; fruit sales-four years; raffle ticket sales-four years; and onion sales-four years. In addition, he has served as Wattsburg Chapter FFA advisor for two years, and treasurer for one year. He has won a third place award in soil judging and a fourth place for two years in beef judging.

Duane has played FFA basketball and volleyball for four years. He lists hunting and motorcycling as his hobbies. He plans to own and operate a dairy farm.

Thomas D. Yaple

Son of Thomas L. Yaple and Diane Yaple, 4871 Brown Road, Waterford, Thomas is is student at Seneca High School and has been a member of the Wattsburg FFA for four years.

He has participated in the following FFA activities: market hogs-two years; home garden-one year; dairy heifer-one year; hay crop production, fruit sales, raffle ticket sales and fruit sales committee. In addition, he has served as chapter ag secretary and chapter ag treasurer. Thomas has won public speaking and soil judging awards and holds the greenhand and chapter farmer degrees.

He plays basketball and volleyball and lists hunting, weight-lifting, cross country skiing, restoring old vehicles, gardening, raising animals and electrical work as his hobbies. He plans to attend college to study farm management and to eventually own his own farm.

Bradley Miller

Matt Miller

Ernest J. Buhl

Craig A. Krol

Duane Post

Thomas D. Yaple

Greg Woodring

Susan Hewitt

Greg Woodring

Greg Woodring, son of Joe and Jean Woodring, 11018 Shimpstown Road, Mercersburg, attends James Buchanan High School and has been a member of Conococheague FFA for four years.

Greg has participated in beef finishing, dairy calf, beef calves and swine breeding FFA projects. He has also served as sentinel and as vice-president. Greg received a bronze award in livestock at the nationals, a second and a fifth in state livestock. He lists his hobbies as three-wheeling and restoring cars. Greg plans to pursue dairy farming.

Franklin County

Greene County

Susan Hewitt

Daughter of Frank E. and Magda S. Hewitt, Box 68, Wind Ridge R1, Susan is a student at West Greene High School and has been a member of the West Greene FFA for four years.

Susan has participated in horse and lamb projects and has served on the recreation, scholarship and leadership committees. In addition, she holds the greenhand and chapter farmer degrees and has won public speaking awards. She served as greenhand secretary, chapter chaplain and chapter advisor. Her extracurricular activities include French club and basketball statistician. Her hobbies are horseback riding and swimming. Susan plans to attend college.

Joyce A. Pettit

Joyce A. Pettit, daughter of Mr. and Mrs. James R. Pettit, Box 254, Holbrook R1, is a senior at West Greene Middle and has been a member of the West Greene FFA for four years.

Joyce has participated in beef cows, lamb finishing, corn for grain and dairy cows projects. She has been a member of the

(Turn to Page D26)

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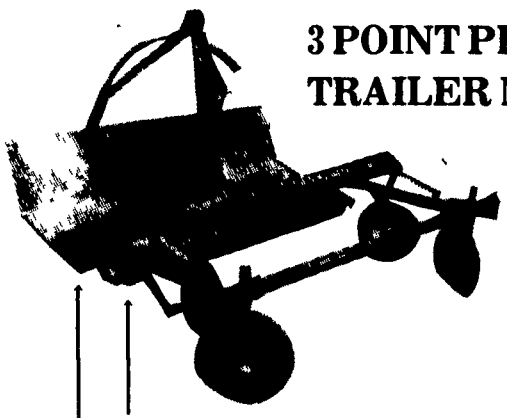

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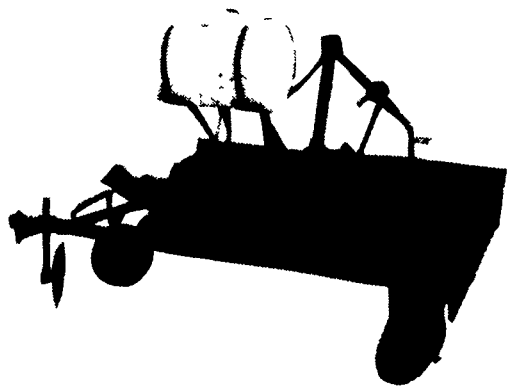

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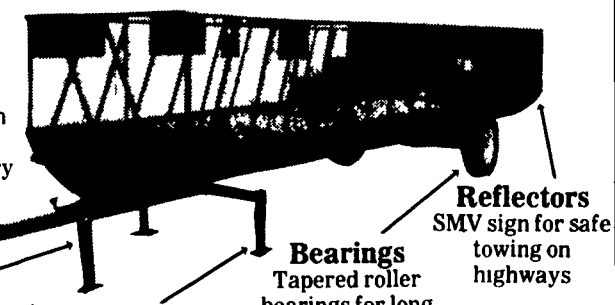

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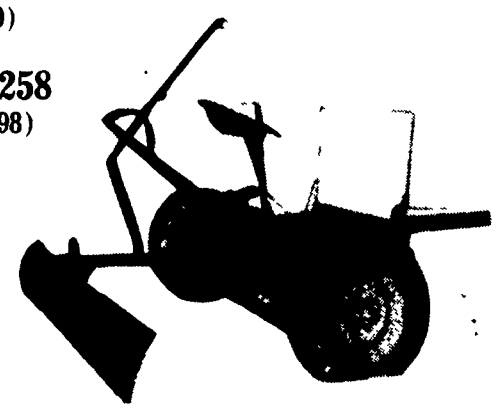

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Commonwealth honors Keystone Farmers

(Continued from Page D25)

leadership and cooperation committees and has participated in state and national activities.

She has served as 1983 chapter secretary, 1984 vice-president, and 1985 president. Joyce earned the star greenhand and the star chapter farmer degrees and in addition, she won a gold award for her state project book in 1983, a production credit award in both 1982 and 1983, a chapter procedure team award in 1984, a public speaking award at the 1982 farm show, and a third place in county demonstration competition. She was FFA queen in 1985.

Joyce lists reading, swimming and skating as her hobbies. She plans to attend college and to major in secretarial ag.

Robert Phillips

Son of Garrett and Carol Phillips, Box 56, Mt. Morris R1, Robert is a student at Waynesburg Central High School and has been a Waynesburg FFA member for four years.

Robert raised 18 head of cattle and 10 chickens as his FFA projects. In addition, he served as chaplain and is currently president of his chapter. He holds the greenhand, chapter and Keystone degrees. He belongs to the FFA club and lists hunting and outdoor activities as his hobbies. Robert plans to attend meat-cutting school in Toledo, Ohio.

Huntingdon County

Charlie Biddle

Charlie Biddle, 17, is the son of Mr. and Mrs. Galen Biddle, Spruce Creek. A student at Tyrone Area High School, Charlie has been a member of the Warriors Mark FFA Chapter for four years.

Charlie has completed projects in field corn, market steer and work experience on a dairy farm. He has participated in the Parliamentary Procedure and Public Speaking Contests and in state contests in agronomy, farm management, dairy judging and project book.

In addition, Charlie has participated in the Farm Accident Victim Rescue Program, the Silo Rescue Program and in land judging and ag mechanics contests.

Charlie has served his chapter as president and treasurer, and was selected Star Chapter Farmer.

He plans to major in animal science at Penn State.

John Hawn

John Hawn is the 17-year-old son of Clifford and Audene Hawn, Petersburg. A student at Juniata Valley High School, John has been a member of the Blue Juniata FFA Chapter for four years.

During his FFA career, John has completed projects in dairy cows, heifers and calves, corn, alfalfa and oats. He has been a member of the Budget and Banquet Committees.

John has been secretary of both his chapter and the county FFA. He was a member of the Parliamentary Procedure Team for three years.

John is a member of the band and chorus and enjoys hunting and fishing.

He plans to attend college to major in dairy production.

Todd Musser

Todd Musser, 17, the son of Frank and Elaine Musser, Petersburg, has been a member of the Blue Juniata FFA Chapter for three years.

Todd's projects have included beef finishing, home garden, poultry, goats, home improvement, and poultry. He has participated in parliamentary procedure and dairy judging.

Todd has been a member of the Program of Work, Recreation, Refreshment, Budget, Fruit Sales, Banquet and Public Relations Committees.

He has served as president of both his chapter and the county FFA chapter. He was named Star Greenhand and Star Chapter Farmer.

Todd plans to attend a four-year college to major in forestry or park and recreation management.

Jim Shade

Jim Shade is the 17-year-old son of Geary and Judy Shade, Alexandria. A student at Juniata Valley High School, Jim has been a member of the Blue Juniata FFA Chapter for four years.

He has completed projects in dairy calves, heifers and cows, alfalfa hay, and field corn. He was also a member of the Fruit and Program of Work Committees.

Jim has served his chapter as secretary and vice president and has been county president as well. He has been a member of the Parliamantary Procedure Team and earned the Greenhand degree.

Jim plans to study dairy production and computers at Penn State.

Indiana County

Brian James Bendis

Brian James Bendis, 17, is the son of Gerald and Louise Bendis, Saltsburg. A student at Apollo-Ridge High School, Brian has been a member of the Apollo-Ridge FFA Chapter for three years.

Brian shows hogs at the county fair and raises beef and poultry. He has served on the Banquet and Greenhand Committees. Brian has participated in various contests and attended the 1984 and 1985 National FFa Convention and the 1985 Washington Conference Program.

Brian has served as chapter secretary, chapter vice president and Indiana County secretary. He placed second in the County Contest in 1985 and was a member of the second place parliamentary procedures team.

In the future, Brian plans to attend college on an ROTC scholarship and major in Marine Science. He has been accepted at Jacksonville University in Florida.

John Bouch

John Bouch, 17, is the son of Mr. and Mrs. Ronald Bouch, Burnside. A student at Purchase Line High School, John has been a member of the Purchase Line FFA Chapter for four years.

John has had work experience in the areas of carpentry, forestry and dry walling, and management experience in forestry and lumbering. He has been chairman of several committees, and of the BOAC project and of monthly activities.

John is currently sentinel of his chapter. He placed in agribusiness and earned the Chapter Farmer Award.

He plans to bcome self-employed in the forestry industry.

Howard Peter Cattau III

Howard Peter Cattau III, 18, is the son of Howard and Irene Cattau, Clune. A student at Apollo-Ridge Senior High School, Howard has been a member of the Apollo-Ridge FFA Chapter for three years.

His SOEP projects have included sheep, beef, swine and chickens. He is in a 50 percent ownership with his brother, Jeremy, in a sheep project of 28 Southdown and Suffolk registered sheep.

Joyce A. Pettit

Robert Phillips

Charlie Biddle

John Hawn

Todd Musser

Jim Shade

John Bouch

Howard Peter Cattau III

Dennis John Daugherty

Don W Dixion

Howard is president of his FFA chapter and has been awarded Star Chapter Farmer. He is treasurer of Indiana County FFA.

Howard enjoys sketching. He plans to major in ag production at Penn State University.

Dennis John Daugherty

Dennis John Daugherty, 17, is the son of Mr. and Mrs. Leslie A. Daugherty, Spring Church. He has been a member of the Apollo-Ridge FFA Chapter for four years.

Dennis has had five market lambs at the Dayton Fair; his third-year carcass lamb was grand champion. He works on his uncle's livestock farm and feeds approximately 250 beef cattle and 100 ewes.

He has served his chapter as reporter and vice president. He was named chapter Star Agribusinessman and was chairman of the Chapter Banquet Committee for three years. He was chairman of the Chapter Fruit Sale Committee for two years.

Dennis has earned proficiency awards in sheep and beef production. He enjoys fishing, hunting, snowmobiling, and riding motorcycles. He plans to major in ag business at Penn State University. Then he plans to attend mortuary school and become a mortician.

Don W. Dixion

Don W. Dixion, 18, is the son of Mr. and Mrs. Mark Dixion Jr., Shelocta. A student at Apollo-Ridge High School, Don has been a member of the Apollo-Ridge FFA Chapter for three years.

His FFA activities have included Food for America, Butler Co-op, and Greenhand, Banquet, Educational Tours and Fruit Sales Committees.

He has earned the Greenhand, Chapter Farmer and Regional Farmer degrees. Don has placed first in the county and ninth in the state in meat judging and first in county farm management.

Don enjoys hunting and dancing. He plans to attend college and become a CPA.

James M. Scott Jr.

James M. Scott Jr, 17, is the son of James M. Scott Sr., Clarksburg. A student at Apollo-Ridge High School, James has been a member of the Apollo-Ridge FFA Chapter for four years.

His FFA projects have included beef finishing, swine finishing and breeding, and sheep breeding. James has served on the Banquet Committee and has participated in the citrus fruit sale and Food for America.

James has been chapter treasurer, secretary and county student advisor. He holds the Greenhand and Chapter Farmer

(Turn to Page D28)

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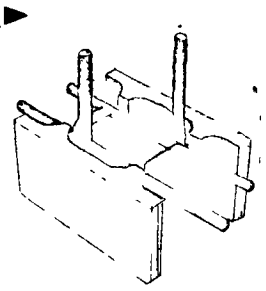

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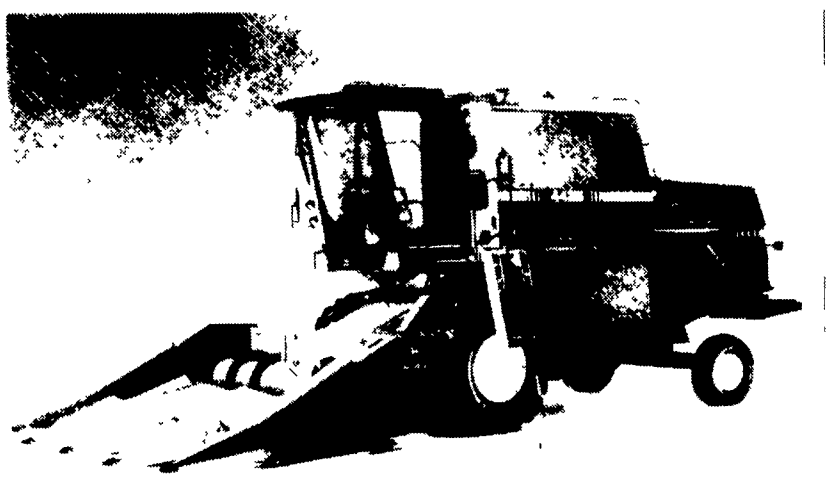

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Keystone recipients are active FFA'ers

(Continued from Page D26)

degrees. He has earned local proficiency awards in swine finishing, beef finishing and diversified livestock.

James is active in 4-H and enjoys showing livestock. He plans to major in animal production at Penn State University.

Susan Diana North

Susan Diana North, 17, is the daughter okf Mrs. Laura E. North, Mahaffey. A student at Purchase Line High School, Susan has been a member of the Purchase Line FFA Chapter for four years.

Her FFA activities have included Food for America, Demonstrations, Public Speaking, Dairy Production, Swine Production, Sweetheart Dance Committee and Sweetheart Court.

Susan is currently president of her FFA Chapter and county reporter. She has received a Scholarship Award.

Following high school, Susan plans to enter the Marine Corps.

Lancaster County

Trasee Aument

Trasee Aument, 18, is the daughter of Mr. and Mrs. C. Michael Aument, Conestoga. A student at Penn Manor High School, she has been a member of the Manor FFA Chapter for four years.

Trasee has taken a project in beef finishing and has served on the Entertainment and Banquet Committees.

She holds the Greenhand, Red Rose and Chapter Farmer degrees, and earned a bronze emblem in dairy production.

Trasee plans to pursue an agribusiness career and own a farm.

John Burkholder

John Burkholder, 18, is the son of Mr. and Mrs. Glenn E. Burkholder, Washington Boro. A student at Penn Manor High School, he has been a member of the Manor FFA Chapter for four years.

John has completed projects in dairy cow, corn and flowers, and works on a dairy farm. He has been a member of the Orange Sales, Yearbook, and Gym Night Committees.

He has served his chapter as vice president, treasurer and chaplain. John has earned the Greenhand, Chapter and Red Rose degrees.

In addition, John has earned a chapter Dairy Proficiency Award, a silver emblem in the national Dairy Food Contest, and gold emblems in Dairy Foods, Dairy Judging, and Land Judging. He has received a chain dairy calf.

John plans a career in agriculture.

Mike Cassel

Mike Cassel, the 18-year-old son of Sue and Marlin Cassel, Manheim, has been a member of the Manheim FFA Chapter for four years.

A student at Manheim Central High School, he has completed projects in hogs and tobacco. Mike holds the Greenhand, Red Rose and Chapter Farmer degrees. He has participated in the BOAC project.

Mike plans to farm with his father following graduation from high school.

Phil Eby

A member of the Cloister [illegible] Chapter, Phil is the son of Isaac and Janet Eby of Ephrata and a senior at Ephrata High School.

He held the office of chapter vice president in 1983 and 1984, and served on the Community Service, Earnings and Savings and Leadership Committees. He has also served as chairman of the Banquet and Window Display Committees.

Phil has judged dairy cattle, dairy products and meats at the local, county and state levels and has earned the Greenhand, Chapter Farmer and Red Rose Degrees.

His projects have included market lambs, hogs and capons. He is currently serving as treasurer of the Indiantown Church Youth Group and plans to pursue a career in carpentry.

Susan Diana North

Trasee Aument

John Burkholder

Mike Cassel

Nelson Fahnestock

Nelson Fahnestock, 18, is the son of Paul and Fern Fahnestock, Manheim. A student at Manheim Central High School, Nelson has been a member of the Manheim FFA Chapter for four years.

He has completed the dairy cattle project and holds the Greenhand, Chapter Farmer and Red Rose degrees.

In his free time, Nelson enjoys threewheeling, playing softball and fishing. He plans to become a dairy farmer.

Phil Eby

Nelson Fahnestock

Christina Ferrari

The daughter of Mr. and Mrs. Thomas Ferrari, Sr., of Ephrata,

(Turn to Page D29)

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Keystone Farmers are in the spotlight

(Continued from Page D28)

Christina is a graduate of Ephrata High School and a member of the Cloister FFA Chapter.

She served as assistant reporter in her junior year and secretary in her senior year, as well as a Lancaster County delegate both years.

Christina has also served as banquet chairman and emcee, chairman of the Public Relations, Food Stand and Seed Sale Committees, as well as co-chairman of other committees.

First-place honors during her junior year included both the Chapter and County Conservation Public Speaking Contests, and the Land Judging Contest. She was also the recipient of the Most Active Member Award.

During her senior year, Christina received the Public Speaking Foundation Award and a bronze medal in the State Record Book Contest.

She hold the Greenhand, Chapter Farmer and Red Rose Degrees. Her projects involved home gardening, rabbits and market lambs.

In the future, she hopes to continue working at Farmersville Equipment Inc., where she began work as a secretary through the school's Work Experience Program.

Andy Graybill

The son of Donald and Mary Jane Graybill, Andy is a senior at Ephrata High School and a member of the Cloister FFA Chapter.

He currently serves as chapter reporter and is active on the Recreation, State and National Activities and Scholarship Committees.

Last year he attended the National FFA Convention in Kansas City, and has earned his Greenhand, Chapter Farmer and Red Rose Degrees.

Andy's projects have included market hogs, capons and steers. His future plans include working on a ranch in Montana.

Daniel Hartzler

Daniel Hartzler, 18, is the son of Eugene and Lois Hartzler, Bainbridge. A student at Elizabethtown Area High School, Daniel has been a member of the Elizabethtown FFA Chapter for four years.

He has two heifer calves and was a member of the Fair Food Stand and Window Exhibit Committees.

Daniel has been county FFA secretary and holds the Chapter and Red Rose degrees.

Daniel enjoys hunting and plans to work on a hog farm following graduation.

Michael L. Hershey

Michael L. Hershey, 18, is the son of Norman and Kathy Hershey, Gordonville. A member of the Pequea Valley FFA Chapter for four years, Michael has completed the dairy herd project and worked on an 81 tie-stall dairy barn.

Michael has been a member of the Earnings and Savings, Public Relations and Leadership Committees. His FFA activities have included Food for America, and fruit sales. He has also attended the national FFA convention.

Michael has served his chapter as president, vice president and treasurer. He was named Star Greenhand and Chapter Farmer. He also holds the Red Rose degree.

He has won a Dairy Production Proficiency Award and received a gold medal in the state Dairy Foods Contest.

Michael plans a career in agriculture.

Dannel Hess

Dannel Hess is the 18-year-old daughter of Larry and Helen Hess, Pequea. A student at Penn Manor High School, Dannel has been a member of the Manor FFA Chapter for four years.

Dannel has pursued projects in tobacco, halloween pumpkins, hogs and steers. She has been a member of the Banquet, Fruit and Fair Committees.

She has served as club advisor, corresponding secretary and secretary. Dannel was named Star Greenhand, showed a reserve champion hog, and received a beef production award. She placed sixth in the state Ag Mechanics Contest.

Dannel enjoys riding three-wheelers, wood working, reading and playing floor hockey. In the future she would like to manage a farm or pursue another career in agriculture.

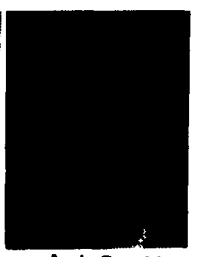
David L. Hess

David L. Hess, 18, is the son of Mr. and Mrs. J. Glenn Hess, Washington Boro. A member of the Manor FFA Chapter for four years, David has pursued projects in swine finishing and has had four years of work experience on a dairy farm.

He has served on the Banquet, BOAC and Fundraising Committees. David holds the Greenhand, Chapter Farmer and Red Rose degrees. He has participated in the county Small Gas Engine Contest, placed second in the county Ag Mechanics Contest and placed 16th at the state level.

David enjoys hunting and riding motorcyle. He plans to continue working on the farm and later find another job in agriculture.

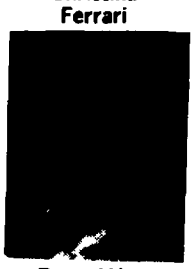
Christina Ferrari



Andy Graybill

Daniel Hartzler

Michael L. Hershey



Dannel Hess

David L. Hess

Jere L. Hoover

Floyd Brian Huber

Jere L. Hoover

Jere L. Hoover, 18, is the son of Mr. and Mrs. Donald L. Hoover, Conestoga. A member of the Manor FFA Chapter for four years, Jere has pursued projects in tobacco, hogs, breeding swine and capons. He works on a farm.

David has been on the Wood, Banquet and Chain Gilt Committees.

David has received the Greenhand and Chapter Farmer degrees. He has served his chapter as corresponding secretary, executive vice president and president. He has attended two national conventions and has participated in the national land judging contest.

In the future, Jere plans to continue working on his uncle's farm.

Floyd Brian Huber

Floyd Brian Huber, 17, is the son of Ivan and Fern Huber, East Earl. A student at Garden Spot High School, Floyd has been a member of the Grassland FFA Chapter for four years.

During that time he has completed projects in swine finishing, sweet corn, potatoes, heifer calf and chain calf. He has served on the Earning, Savings and Investments Committee, and the State and National Activities, Program of Work Committees.

Floyd has had his on-farm supervised occupational experience on the Henry Stoltzfus swine farm.

He has served as vice president and second vice president. He holds the Greenhand, Chapter and Red Rose degrees.

Floyd has won a number of

(Turn to Page D30)

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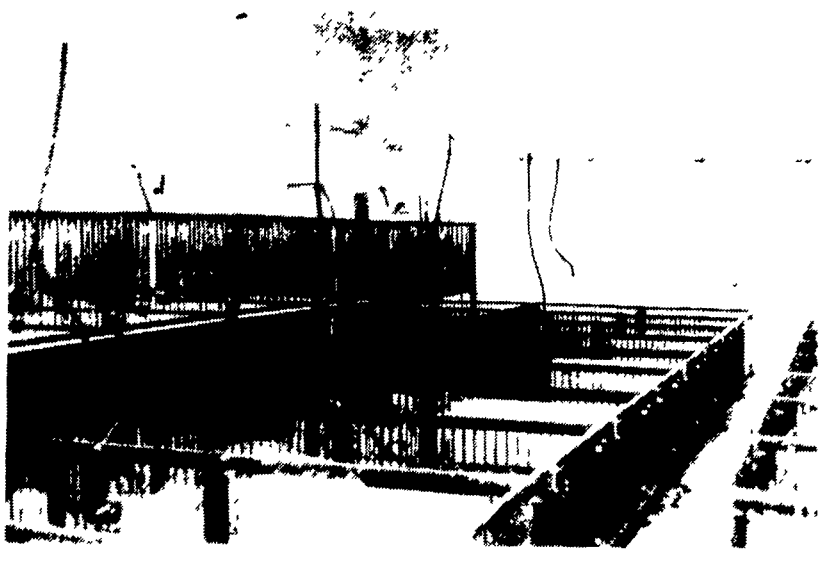

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Commonwealth honors Keystone Farmers

(Continued from Page D29)

awards including, Star Greenhand, Star Chapter Farmer, and Star Red Rose Farmer. He placed eighth in the state Livestock Judging Contest and first in the county Dairy Judging Contest. He has also earned Swine Proficiency And Diversified Livestock Proficiency Awards.

Floyd plans to major in agriculture in college and plans to go into Work Experience Abroad. He would like to get a job on a swine finishing farm.

Crystal Kreider

Crystal Kreider, 17, is the daughter of Mr. and Mrs. Wilmer E. Kreider, Washington Boro. A member of the Manor FFA Chapter for four years, Crystal has completed projects in beef finishing, sheep breeding and finishing and hog finishing.

She has been a member of the Entertainment and Banquet Committees.

Crystal has served her chapter as historian and secretary and holds the Greenhand, Chapter Farmer and Red Rose degrees. She won a gold medal in state meat judging and a silver medal in the national meat judging contest.

Crystal plans to attend college and find a job. Her plans also include marriage and a family.

Daniel Martin

Daniel Martin is the 18-year-old son of James D. and Lucille J. Martin, Lititz. A member of the Warwick FFA Chapter for four years, Daniel has had projects in laying hens, rabbits, capons, market hogs, breeding swine and Brown Swiss heifers.

Daniel has been a member of the county Volleyball and Basketball Committees. He also helped with chapter cider sales.

Daniel was selected Star Greenhand, Star Chapter Farmer and Red Rose Star Agribusinessman. He has served his chapter as chaplain, president and reporter. In 1982, Daniel placed second in the State Meats Judging Contest.

He plans to attend college to major in dairy farm management and to become a farmer.

Leonard Martin Jr.

Leonard Martin, Jr., 17, is the son of Leonard and Joyce L. Martin, New Holland. A member of the Pequea Valley FFA Chapter for four years, Leonard is a dairy farm worker.

Service, Conduct of Meetings and Scholarship Committees. He also participated in fruit sales and the Food for America program. He attended the National FFA Convention.

Leonard has served his chapter as sentinel and secretary. He holds the Greenhand, Chapter Farmer and Red Rose degrees. He earned an award in ag production.

He plans to study mechanics in school.

George Metzler

George Metzler, 17, is the son of Robert and Minnie Metzler, Christiana. A member of the Octorara FFA Chapter for four years, George has been county vice president and student advisor.

He also has been chapter president and vice president. George is a member of the Calendar Committee.

He plans to study dairy production at Penn State.

Kelly A. Miller

Kelly A. Miller is the 17-year-old daughter of Mr. and Mrs. Kenneth G. Miller, Sr., Christiana. A member of the Solanco FFA Chapter for four years, Kelly has pursued projects in dairy herd, rabbits, swine breeding, hay, corn hay and silage, and small grain.

Kelly has been a member of the Community Service, BOAC, Banquet, and State and National Activities Committees. Her other activities include membership on the Parliamentary Procedure Team, public speaking and district and state dairy shows.

She is currently president of her chapter and county secretary. In the past she has been chapter sentinel and secretary. She holds the Red Rose degree and received a Production Credit Recordkeeping Award and proficiency awards in dairy production and crop production.

Kelly is a member of the Holstein-Friesian Association and is on the distinguished honor roll.

In the future, Kelly plans to be a secretary for an ag business.

Michael Mills

Michael Mills, 19, is the son of Roger and Catherine Mills, Lancaster. A student at Lampeter Strasburg High School, Michael has been a member of Garden Spot FFA for four years.

Michael raised dairy calves and cows for his projects and worked on a poultry farm for his work experience program. He has been a member of several committees including Program of Work, Fruit Sales, Trap Shoot, Banquet, Initiation, National FFA Week and Food Stand.

He was a county FFA delegate and was selected Star Greenhand. He also holds the Red Rose and Chapter Farmer degrees. He has served his chapter as advisor and sentinel.

After graduation from high school, Michael plans to get a job in an agri-business and work on the home farm.

Troy L Musser

Troy L. Musser is the 17-year-old son of Mr. and Mrs. J. Robert Musser, Lancaster. A member of the Manor FFA Chapter for four years, Troy has raised a dairy heifer and tobacco for his projects.

He also works on his father's farm. Troy has been a member of the Banquet, Chain Calf and Wood Committees. He has served his chapter as executive vice president, and received the Greenhand and Chapter Farmer degrees. Troy attended the National FFA Convention.

Troy plans to continue working on his father's farm.

Kerry Myer

Kerry Myer, 17, is the son of Gerald and Joanne Myer, Manheim. A student at Manheim Central High School, Kerry has been a member of the Manheim FFA Chapter for four years.

Kerry has completed three years of beef finishing projects and holds the Greenhand, Chapter Farmer and Red Rose Degrees. He enjoys skiing and hunting.

Following graduation, he plans to work on his father's farm.

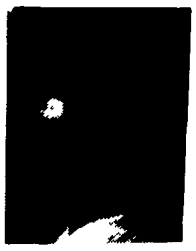
Rodney L. Nissley

Rodney L. Nissley, the son of Mr. and Mrs. Mervin G. Nissley, Millersville, has been a member of the Manor FFA Chapter for four years.

Rodney has completed projects in swine breeding and finishing and has served on several committees, including, Banquet, BOAC, Recreation and Fund Raising.

He has served his chapter as club treasurer, parliamentarian and vice president, Rodney has participated in poultry and land judging at local, county, state and national levels. In addition, he has showed swine at the local, county and state level.

He holds the Greenhand, Chapter Farmer and Red Rose degrees.



Crystal Kreider

Daniel Martin

Leonard Martin Jr.

George Metzler

Kelly A. Miller

Michael Mills

Troy L. Musser

Kerry Myer

Rodney L. Nissly

Brian E. Putt

Michael S. Raum

Kenneth E. Ruhl

Rodney hopes to own and manage a swine herd or remain in agriculture in some other position.

Brian E. Putt

Brian E. Putt, 19, is the son of Charles Hower and Nancy Putt, Elizabethtown. A member of the Elizabethtown FFA Chapter for four years, Brian has completed projects in goats, rabbits and poultry.

Brian has served on the Fruit Sales, Banquet and Window Display Committees.

Brian has earned a gold or second place national proficiency award in special animal production. He placed first at the state and local level.

In addition, he has received several proficiency awards at the local level for dairy products, fruit and vegetable products and home and farm improvement. Brian holds the Greenhand, Chapter Farmer and Red Rose degrees. He was also named Star Chapter Farmer.

Brian hopes to be a machinist and stay involved in farming.

Michael S. Raum

Michel S. Raum, 17, is the son of Ronald and Grace Raum, Kinzers.

A member of the Pequea Valley FFA Chapter for four years, Michael has worked on a 120-cow dairy farm as his project.

He has been chairman of the Earnings and Savings Committee and was a member of the Public Relations and Banquet Committees. His other activities have included Food for America and fruit sales. Michael attended the National FFA Convention.

Michael is currently vice president of his chapter and has also served as treasurer. He was named Star Greenhand and Star Agribusinessman. He holds the Greenhand, Chapter Farmer and Red Rose degrees.

He plans to pursue a career in farming.

Kenneth E. Ruhl

Kenneth E. Ruhl is the 19-year-old son of Thelma Ruhl, Elizabethtown. A member of the Elizabethtown FFA Chapter for five and a half years, Kenneth has had a dairy heifer for a project and raised Bobwhite quail.

He also participated in BOAC at the Elizabethtown Fair.

(Turn to Page D32)

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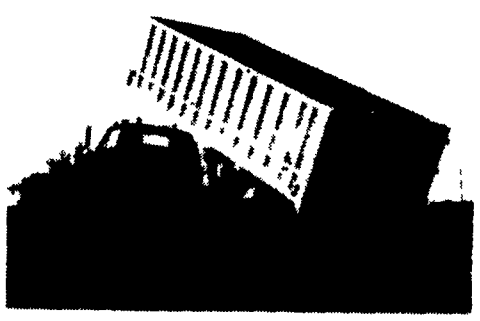

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Keystone recipients are active FFA'ers

(Continued from Page D30)

Kenneth has served his chapter as treasurer and received the Star Chapter Farmer award. He also holds the Greenhand, Chapter Farmer and Red Rose degrees.

He received a dairy products proficiency award and got one silver and two bronze awards in the state dairy products contest.

Kenneth plans to continue working in an agricultural field.

Nevin L. Ruhl

Nevin L. Ruhl, 18, is the son of Lester and Ruth Ruhl, Elizabethtown. A member of the Elizabethtown FFA Chapter for five years, Nevin has raised Bobwhite quail and field corn for his projects.

Nevin has served on the SOE and Fair Committees and was chapter vice president in his senior year. He holds the Greenhand, Chapter and Red Rose degrees.

He has received proficiency awards in fish and wildlife and small grains.

In the future, Nevin would like to buy a small farm.

Michael S. Smoker

Michael S. Smoker, 18, is the son of Glenn and Audrey Smoker, New Holland. A student at Garden Spot High School, MIchael has been a member of the Grassland FFA Chapter for four years.

He has taken projects in wildlife and swine finishing and has had work experience at Yoders Country Market and Spring Trout Inc. His other activities have included Recreation, Leadership and Scholarship, BOAC, Earning and Savings, Trap Shoot, Raft Trip, Banquet Program, Entertainment and Fruit Committees.

Michael has served as sentinel and treasurer. He holds the Greenhand, Chapter Farmer and Red Rose degrees.

He placed second in the county poultry contest, eleventh in the state wildlife contest and sixth in the state forestry contest. He was also first in the county and area parliamentary procedure contests and fourth in the regional contest.

He has received proficiency awards for poultry production, soil and water conservation and forestry management.

Michael enjoys many outdoor sports and is vice president of the New Holland 4-H Community Club. He plans to work as a meat cutter after graduation.

Cassandra Stowe

Cassandra Stowe is the 17-year-old daughter of Mr. and Mrs. Allen Stowe, Bainbridge. A member of the Elizabethtown FFA Chapter for four years, Cassandra selected beef animals as her project.

She also served on the Public Relations, Banquet, Finance and Window Display Committees. Cassandra served her chapter as chaplain, treasurer and vice president.

She holds the Greenhand and Chapter Farmer degrees.

Cassandra plans to become a federal meat inspector and own a farm. She enjoys riding horses, flying and working.

Tina Strauss

Tina Strauss, 18, is the daughter of Russell and Mildred Strauss, Lititz. A student at Warwick High School, she has been a member of the Warwick FFA Chapter for four years.

Tina has taken projects in market lambs and feeder pigs. She was chairman of the Supervised Occupational Experience Program.

She has been chapter secretary and won a DeKalb award. Tina holds the Greenhand and Chapter Farmer degrees. In 1985 she was named Star Chapter Farmer.

A member of the Warwick girl's softball team, Tina also enjoys volleyball and basketball.

She would like earn her American Farmer degree and buy a farm.

Darryl Eugene Weaver

Darryl Eugene Weaver, 18, is the son of Irvin and Dorothy Weaver, East Earl. A member of the Grassland FFA Chapter for four years, Darryl received Eastern Region Star Agricultural Business Award.

He has taken the swine finishing project and worked on a produce farm and at a machine works business for his Supervised Occupational Experience.

In addition, Darryl has been a member of the Scholarship, Supervised Occupational Experience and Leadership Committees.

Darryl has served as president chaplain, first student advisor and first president. He was named Star Greenhand, Star Chapter Agricultural Business, Star Red Rose Agricultural Business and was a runner-up for Red Rose Agricultural Business-County.

He placed first in the county and area in parliamentary procedure and fourth in the regional contest.

Darryl plans to major in agricultural mechanics at Alfred State College.

Nevin L. Ruhl

Michael S. Smoker

Cassandra Stowe

Tina Strauss

Darryl Eugene Weaver

James B. Weidman

James B. Weidman

James B. Weidman, 17, is the son of Greg and Judy Weidman, Bowmansville. A student at Garden Spot High School, James has been a member of the Grassland FFA Chapter for four years.

James has had a number of SOE projects with area businesses. In addition, he has earned a host of awards. They include: a third place at the county Poultry Contest, and a second place in the state contest; a fifth place in the county Land Judging Contest and a bronze in the state contest; a first in the county and area Parliamentary Procedure Contest; and a third in regional P.P. Proficiency in Poultry Judging.

He has served his chapter as second chaplain, and is chapter and Lancaster County reporter this year. James has also chaired a number of committees.

He plans to major in agricultural science at Penn State.

Donald Yeagley

Donald Yeagley, 18, is the son of Ralph and Esther Yeagley, Manheim. A student at Manheim Central High School, Donald has been a member of the Manheim FFA Chapter for four years.

Donald Yeagley

His projects have included sheep production and work experience. He was chairman of the Scholarship Committee.

Donald has received proficiency awards in sheep production and forage crop production. He holds the Greenhand and Chapter Farmer degrees.

He would like to purchase a small farm.

(Turn to Page D33)

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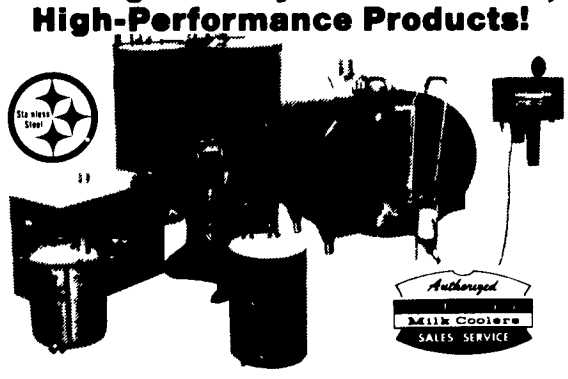

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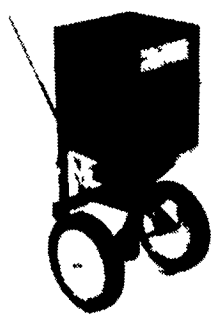

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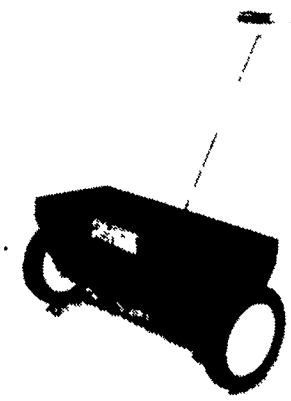

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(Continued from Page D32)

Elaine Zeiset

Elaine Zeiset, 18, is the daughter of the Jesse and Grace Zeiset, Denver. A student at Garden Spot High School, she has been a member of the Grassland FFA Chapter for four years.

Elaine raises market lambs and works part-time at a local farm market. She has been chairman of the Scholarship Committee and the Cooperation and Community Service Committees. She was co-chairman of the Community Service Committee.

Elaine has received proficiency awards for sheep production and public speaking. She holds the Greenhand and Chapter degrees and served her chapter as secretary.

She placed first in the county Conservation Public Speaking contest, second in the region and seventh in the state. She was a member of the Parliamentary Procedure team that placed first in the county and area and third in the region. She was secretary of the team.

Elaine enjoys swimming, reading, hunting, camping and volleyball and plans a career in agribusiness management.

Lynford Zimmerman

Lynford Zimmerman, 18, is the son of Amos and Marian Zimmerman, New Holland. A member of the Grassland FFA Chapter for four years, he has raised pigs for the past three years. He also works at a local landscape cen.

Lynford has been a member of the FFA Banquet, Scholarship and Program Committees. He has received proficiency awards in swine and turf and landscaping. He received an ornamental horticulture award.

He enjoys hunting, trapping and hiking and plans to work full time at the landscape center after graduation.

Lawrence County

Mark Denton

The son of Dr. Fred and Phyllis Denton, Enon Valley, is a student at Mohawk High School. The 18-year-old FFA'er counts Shropshire sheep and Hereford steers among his projects.

During his four years as a member of the Mohawk Chapter, Mark has served on numerous committees, including the Entertainment, Crop, Log, Banquet, Junior FFA and Citrus Committees.

Mark served as chapter reporter in 1983, and was elected treasurer in 1984 and president the following year. He has been active on the demonstration, Square Dance and Parliamentary Procedure Teams.

An avid outdoorsman, Mark enjoys hunting, skiing, camping and horseback riding. In the future he would like to raise Clydesdale horses and operate a mechanic shop.

Karen Leslie

Karen Leslie, 16, the daughter of Glenn and Lillian Leslie of Enon Valley, has been a member of the Mohawk Valley Chapter for [illegible] years.

She has served on the Square Dance, Demonstrations and Parliamentary Procedures Committees for one year, the Spring Contests Committee for two years and the Fruit Sales Committee for three years.

Karen has received the Chapter Degree, and was the recipient of a Silver Award for her project book in 1984. She has served as chapter secretary for two years.

She is a member of the school newspaper staff and the National Honor Society, as well as the basketball and track teams. Her career plans include attending college to obtain a teaching degree.

Robert C. McKinley

Robert McKinley, 17, is the son of Mr. and Mrs. Robert Lee McKinley of New Galilee. Robert attends Mohawk High School, and has been a Mohawk Chapter member for three years.

He has maintained a Work Experience Book for two years, and has served on the Wood and Crop Committees. Robert held the office of student advisor in 1984, and was last year's chapter reporter.

He has also served on the Spring Contest, Squaredance, Demonstration and Parliamentary Procedure Teams.

He enjoys playing sports and horseback riding.

Louis Mrozek

The son of Mr. and Mrs. Louis Mrozek of New Castle, Louis Mrozek attends Union Area Middle High School.

A member of the Union Area Chapter for three years, Louis has completed swine breeding and finishing projects, and has logged 900 hours in directed laboratory experience. He has also participated in supervised off-farm occupational experience.

Louis has served on the Scrubgrass and Citrus Sales Committees and is currently into his second year as chapter reporter.

His career plans include owning a small lumber mill.

Joseph H. Mutter, Jr.

Joseph Mutter is the 17-year-old son of Mr. and Mrs. Joseph H. Mutter, Sr. of New Castle. A student at Union Area Middle High School, Joseph has been a member of the Union Area FFA Chapter for four years.

The young cattleman has been involved with both beef breeding and finishing projects and has participated in the supervised on-farm occupational experience program.

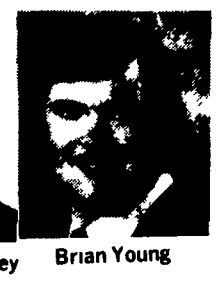
Elaine Zeiset

Lynford Zimmerman

Mark Denton

Karen Leslie

Robert McKinley



Brian Young

He received the Greenhand Degree in 1982, followed by the Chapter Farmer and County Farmer Degrees in 1983 and 1984, respectively. He currently serves as chapter sentinel and is a member of the Demonstration Team.

He enjoys hunting and hopes to establish a business as a beef breeder.

Jamie L. Smith

Jamie Smith, 18, is the son of Mr. and Mrs. Joseph Smith of New Castle. Jamie is a four-year FFA member and a student at Union Area Middle High School.

Jamie has undertaken swine breeding and finishing projects, and has recorded 1200 hours of directed laboratory experience. He has served on the Citrus Sales, Sausage Sales and Scrubgrass Committees.

Currently president of the Union Area Chapter, he was last year's treasurer. Jamie earned his Greenhand Degree in 1982, followed by the Chapter and County Farmer Degrees in 1983 and 1984.

A member of the school's football team, he enjoys hunting in his spare time.

Jamie hopes to attend college and major in criminology.

Brian D. Young

A four-year Mohawk Chapter member, Brian Young is the son of David and Bonnie Young of Enon Valley.

Beginning in 1983, Brian's projects have included swine finishing and breeding. He also share-cropped oats and corn in 1985.

Brian has served on numerous committees, including the Fruit, Banquet, Wood, Crop, Citrus and Flower Sales Committees, and has served as reporter at both the chapter and tri-county levels. He currently serves as chapter vice president.

He has placed first in the local Agronomy Contest and received a silver medal at the state level.

Brian's extracurricular activities include three years of varsity basketball and track. His hobbies include hunting, trapping, fishing and camping. In the future he hopes to own a hog producing operation.

(Turn to Page D34)

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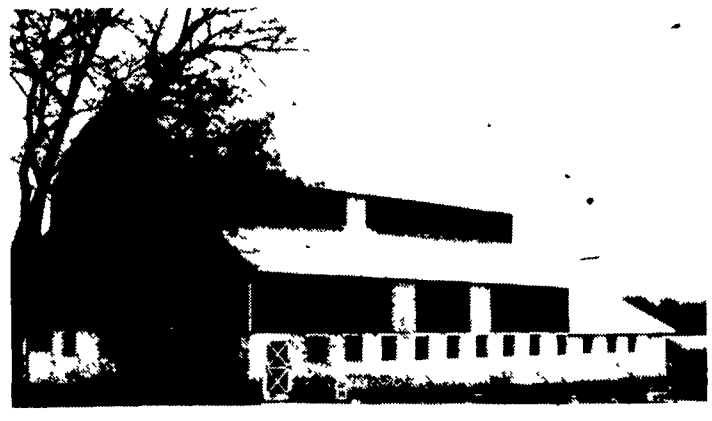

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Pa. FFA awards state degrees

(Continued from Page D33)

Brenda Balmer

The daughter of Mr. and Mrs. Ammon Peiffer of Lebanon, Brenda Balmer is a student at Cedar Crest High School and a four-year member of the Cedar Crest FFA.

She has maintained dairy and corn projects, and has served as chairman of the BOAC and Safety Committees. She has also been a member of the Cooperation, Community Service, Scrapbook and Earnings and Savings Committees.

Brenda was named Star Greenhand in 1982, and received her Chapter Farmer Degree the following year. Her other honors have included the Corn Production Award and the County Production Credit Award for 1985.

She enjoys showing dairy cattle, quilting and crocheting, and is a member of the Astronomy and Pep Clubs.

In the future she plans to increase the size and quality of her dairy herd with the hope of owning her own dairy farm.

Brenda Balmer

Dale Balmer

Philip Balsbaugh

David Groff

Daniel Groff

Wesley Harding Jr.

Eric Morton

A 1985 graduate, Eric Morton is a member of the Little Dutchmen FFA. The son of Lowell and Ila Morton, Eric's FFA activities centered on Directed Laboratory Experience.

Eric participated in dairy judging, placing first in the county contest for two years, and 15th at the state level. He was also a member of the parliamentary Procedure Team for the past two years.

Eric's extracurricular activities included wrestling, baseball and track. He is currently serving in the U.S. Navy as a Fireman Apprentice, and hopes to make a career in the electronics or computer field.

Dale Balmer

The son of John and Maryl Balmer, Dale is a senior at Annville-Cleona High School. During his freshman year in FFA, he participated in the Creed Contest in which he placed first in county, first in area, second in region and fourth at the state level. He was also named Star Greenhand.

During his sophomore year, Dale received the Chapter Farmer Degree and placed first in the county Prepared Public Speaking Contest. He also placed well in a number of judging contests.

During his junior year, Dale received his County Farmer Degree. In 1984 and 1985, he was a member of the winning state Parliamentary Procedure Team, and will again be a member of this year's team.

Dale was the chapter's reporter for 1983, and has served as president for the past two years. He also plans to run for state office in June.

Dale's FFA projects include dairy calves, heifers and dairy herd, as well as soybeans and corn.

He is president of the 4-H Dairy Club, treasurer of the Junior Holstein Club, and is a member of the school's football team and chorus. He is a member of Fontana Christian Fellowship Church.

Philip Balsbaugh

Philip Balsbaugh, 19, of Newmanstown, is a student at Eastern Lebanon County High School and a four-year FFA member.

The son of John and Edna Balsbaugh, Philip raises veal calves and has been active on a number of FFA committees including Public Relations, Conduct of Meetings, Earnings and Savings and Cooperative Activities.

He has served as assistant sentinel, assistant vice president and reporter and has received the Star Greenhand and Chapter Farmer Degrees, as well as awards in Dairy Production and Proficiency.

He enjoys cars and hopes one day to take over the family farming operation.

Tim Elliott

The son of Richard and Kathy Elliott, Tim Elliott is a senior at Annville-Cleona High School. During his freshman year he received the Greenhand Degree, as well as the Star Greenhand Award.

During his sophomore year, Tim received both the Chapter and County Farmer Degrees, and placed in a number of judging contests. He also participated in the Area Salesmanship Contest, in which he placed first as a sophomore and third the following year.

Tim has been a member of the Parliamentary Procedure Team since ninth grade. The team placed first in the state in 1984 and 1985.

He currently holds the offices of chapter vice president and treasurer at the county level.

A member of the National Honor Society, Tim is also vice president of 4-H Dairy Club, and a member of the Junior Holstein Club, the Fontana Christian Fellowship Church and Youth Fellowship.

David L. Groff

David Groff, 20, is the son of Clifford and Luella Groff of Lebanon. With six years in the Cedar Crest Chapter, David has served as chairman of the Public Relations and Scrapbook Committees and has served on the Float and BOAC Committees.

He served as chapter reporter from 1982 to 1984, and received first place in state competition for the most articles written and third place in land judging at the state level.

David was the recipient of the County Farmer Degree, placed second in the Area Dairy Foods competition in 1983 and placed first in the state in the Project Book Contest for 1984.

In addition to membership in the Lebanon County Holstein Club and the Cedar Crest Young Farmers, David is a member of the Church of the Brethren, the church's youth group and the Men's Choir.

His future plans include continuing the family's dairy and crop operation.

Daniel Groff

The son of Clifford and Luella Groff, Daniel attended Cedar Crest High School and has been a Cedar Crest FFA member for six years.

Daniel served on the state's top scrapbook committee in 1983, and has also served on the Float and Leadership Committees.

The recipient of the County Farmer Degree, Dar placed first in the 1982 Pr Book Contest and first in the 1984 Dairy Foods Contest.

A member of the county's Holstein Club and the Cedar Crest Young Farmers, Daniel is also a member of the Midway Church of the Brethren and the church's Men's Choir. He enjoys baseball and hunting, and plans to continue working on the family's dairy operation.

Wesley H. Harding Jr.

Wesley Harding, (18) of Lebanon has been a member of the Northern Lebanon FFA for five years. His committee memberships have included the BOAC, Food for

(Turn to Page D36)

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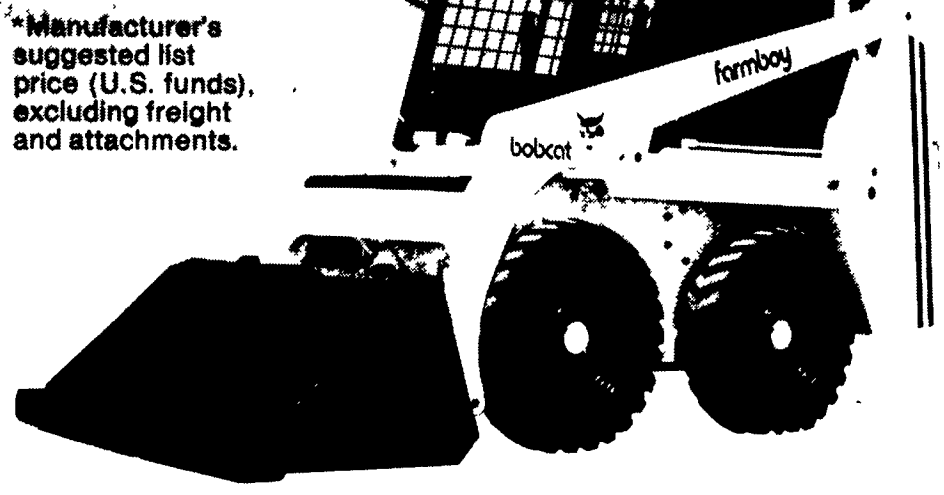

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(Continued from Page D34)

America, Banquet and various sales committees.

He has served as chapter sentinel, reporter and vice president, as well as parliamentarian at the county level. He has received the Star Greenhand and Star Farmer Awards.

Wesley is a member of the Norlebco Dairy Club, the county Junior Holstein Club and serves as southeastern director for the Pennsylvania Ayrshire Breeders.

His hobbies include showing dairy cattle, auto body restoration and mechanics. His future plans involve working in partnership with his parents, Mr. and Mrs. Wesley Harding, on the family's dairy farm.

Michael Kunkle

Michael Kunkle, of Jonestown, is the son of Miriam and the late Arthur Kunkle, and a student at Northern Lebanon High School.

With five years of FFA experience, Michael has worked with dairy calves and heifers and has served on the Food for American Communities Program, and the Banquet, Greenhouse and Citrus Committees.

The recipient of the 1985 Outstanding Career in Vocational Agriculture Award, Michael has also earned his Greenhand and Chapter Farmer Degrees.

He has been a member of the Parliamentary Procedure Team for four years, including the state's second-place team for 1982. On the county level he has taken top honors in the Project Book and Extemporaneous Public Speaking Contests.

Michael is president of the the Norlebco 4-H Dairy Club, as well as a member of the county's Junior Holstein Club. In 1984 he was voted Outstanding Junior Member of the Pennsylvania Brown Swiss Association.

Michael enjoys showing dairy cattle and hopes to eventually own a herd of Holstein and Brown Swiss cows.

Mark William Long

As a four-year member of the Northern Lebanon FFA, Mark Long has developed a swine herd of three sows and 11 gilts. The son of Gerald and Judy Long of Annville, Mark has served as chairman of the Public Relations, Greenhouse, Movie and Bulb Committees. He has served as a delegate to the state convention, and attended the national convention in 1983 and 1985.

Mark currently serves as reporter for his own chapter as well as at the county level. For two years he took first-place honors in the County Agronomy Contest, and has placed first in the Quiz Contest and second in Extemporaneous Speaking.

In addition to running for state office, he hopes to attend college and major in elementary education and journalism. His hobbies include reading, landscaping and writing newspaper articles and short stories.

Eric Morton

The son of Lowell and Ila Morton of Annville, Eric currently serves in the U.S. Navy. During his five years in Annville-Cleona's Little Dutchmen FFA Chapter, he logged many hours of Directed Laboratory Experience and served on the Banquet and Awards Committees.

He was a member of Lebanon County's top Dairy Judging Team for two years, and served on the Parliamentary Procedure and Land Judging Teams, as well. He was the recipient of the Eleanor Witmeyer Award for leadership and citizenship development.

Eric's extracurricular activities included varsity track, wrestling and baseball. He also enjoys hunting and snowmobiling.

Eric Sweinhart

The son of Harold and Pearl Sweinhart, Eric is a student at Northern Lebanon High School, with five years of FFA experience.

His FFA projects have included dairy heifers, cows, rabbits, vegetables, strawberries and rye.

Eric has earned the Greenhand and Chapter Farmer Degrees and served as student advisor for four years. He was named Master Showman at the 1985 District Show and has earned first-place honors for his Project Book.

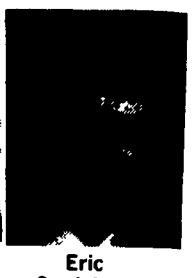
A National Honor Society member, Eric is listed in Who's Who Among American High School Students and was chosen Student of the Month. In addition to working on the school newspaper, he is also a member of the basketball team and chorus.

He enjoys reading, hiking and raising rabbits, and hopes to find a career in agriculture.

Michael Kunkle

Mark Long

Eric Morton



Eric Sweinhart

Tammy Weaber

The daughter of Ernie and Karen Weaber of Lebanon, Tammy Weaber attends Palmyra High School and Lebanon County Vo-Tech, where she has been an FFA member for more than three years.

Her projects have included swine showing and fitting, as well as vegetable and flower gardening.

A two-term chapter president, Tammy has served as secretary at the county level and was a delegate to FFA Week. She was named Star Chapter Horticulturist and County Star Agribusinessperson.

She received her Greenhand Degree in 1982 and her Chapter Farmer Degree the following year. Her future hopefully includes a career as a vocational agriculture teacher.

A past 4-H member, Tammy is active in her church's youth organization and hopes to find a career in the horticulture field.

(Turn to Page D37)

Tammy Weaber

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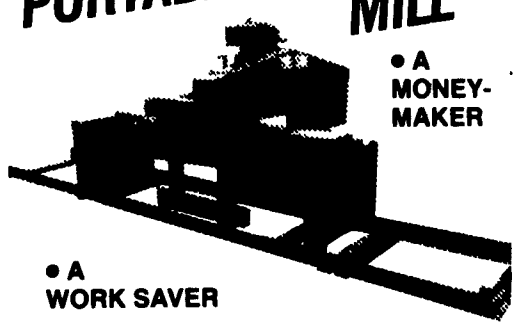

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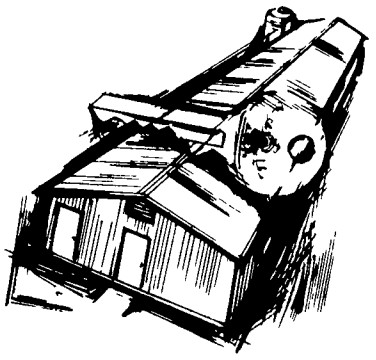

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Pa. FFA awards Keystone degrees

(Continued from Page D36)

Lehigh County

Aaron Humes

Lehigh County Chapter Vice President Aaron Humes, son of Mary Ellen Humes, Allentown, has been an FFA member for two years.

His FFA honors include Chapter Farmer, PEEC leadership conference and livestock judging. Chapter activities include involvement in virtually all the group's programs, including the banquet, chicken barbecue and citrus sale committees.

A student at Parkland-Lehigh Valley Vo-tech, Aaron is involved in Young Marines, Student Council and the youth group.

He hopes to operate his own butcher shop in the future.

Bonnie Wehr

Bonnie Wehr, daughter of Mr. and Mrs. Elmer Wehr, Orefield, is treasurer of the Lehigh County FFA.

An FFA member for two years, she has also won Star Greenhand and Green Thumb awards, and has attended the PEEC Leadership and PAFC conferences. In addition to participating in the public speaking contest, she has been involved on the banquet, chicken barbecue and citrus sale committees for the chapter.

A student at Parkland-Lehigh County Area Vo-tech, she is involved in the Girl Scouts, Hand Bell Choir, Student Council and youth group.

She hopes to own and operate a flower shop.

Luzerne County

Mary Ann Dorso

A student at Hazleton Senior High School and Hazleton Area Vocational Technical School, Mary Ann Dorso of Hazleton has won a variety of honors in her three years of FFA membership.

Winner of the Greenhand, Chapter Farmer and Area Farmer Degrees, she is president of the local chapter's Horticulture Club.

Her project book last year was first in the county and second in the state, and she finished third in the county floriculture and land judging contests. She finished second in the floriculture contest this year.

The local chapter's delegate to the Northeast Area FFA meetings, Mary Ann would like to attend DuPage Horticulture School in West Chicago, IL, after graduation.

McKean County

James R. Ladlee

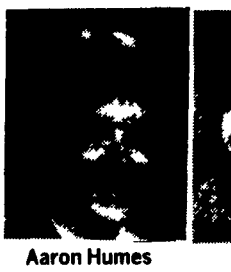
A senior at Smethport Area High School, James R. Ladlee is the son of Mr. and Mrs. R. James Ladlee, Smethport.

A member of the Bucktail FFA Chapter for four years, he has been sentinel, vice president and recipient of the Greenhand and Chapter Farmer degrees and the Chapter Star Farmer award.

His projects have included beef and swine finishing, dairy heifer, dairy calf, draft horse, garden and conservation activities.

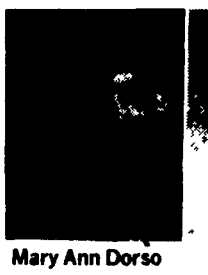
At school, he is involved in the marching and concert bands, the brass choir, wrestling and yearbook.

He plans to attend Penn State to major in Agricultural Education and Science.



Aaron Humes

Bonnie Wehr



Mary Ann Dorso

James R. Ladlee

Northumberland County

Brent Harner

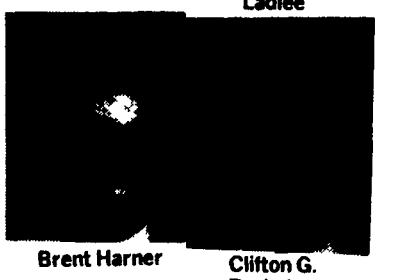
A senior at Line Mountain High School, Brent Harner of Leckkill has been president of the Line Mountain FFA for three years.

The son of Gary Harner and Sandy Angst, Brent has received the Greenhand and Chapter Farmer degrees, and was the Star Farmer for Northumberland County.

He placed among the top 20 in the livestock judging competitions at Penn State during the last two years.

He has been a member of Line Mountain's varsity wrestling team for four years, and also participates in FBLA, Varsity Club and Boy Scouts.

After graduating from high school, he will become involved in his grandfather's hog operation.



Brent Harner

Clifton G. Brubaker

Perry County

Clifton G. Brubaker

President of the West Perry FFA, Clifton G. Brubaker is the son of Philip E. and Jacqueline A. Brubaker, Loysville.

In his three years of FFA membership, he has also been chaplain and historian, and has received the Chapter Farmer and Star Chapter Farmer degrees. He has been honored for his work in Forest Management, Forage Crop Production, Agricultural Electrification and record keeping.

A senior at West Perry High School, he is involved in parliamentary procedure, dairy judging, agronomy, small engine, dairy products, tractor driving and soil judging teams.

He plans to work on the family farm after graduation.

(Turn to Page D38)

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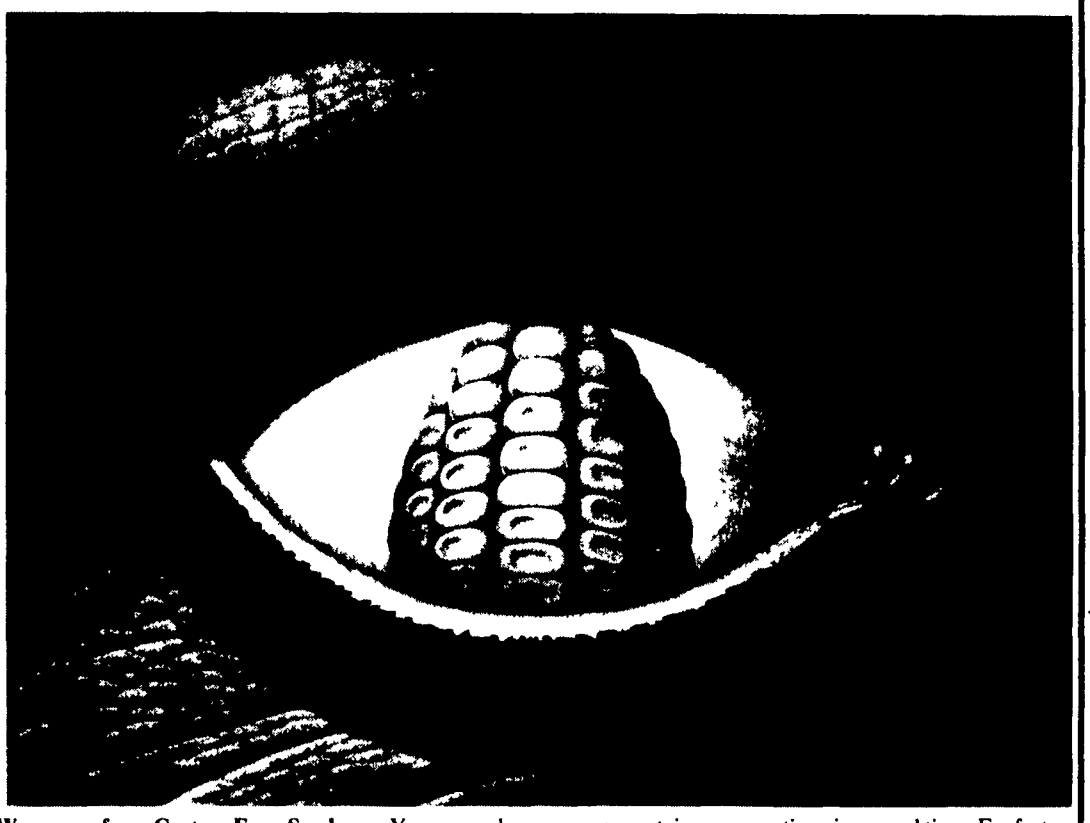

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Pa. FFA awards Keystone degrees

(Continued from Page D37)

Robert W. Gabel

A senior at Newport High School, Robert W. Gabel is the son of Mr. and Mrs. Robert T. Gabel of Newport.

President of the Newport FFA Chapter for two years, he was also secretary and assistant vice president. In addition to receiving Greenhand and Chapter Farmer degrees, he has won the Star Greenhand, Silver Emblem in Soil Judging and Gold Emblem in Record Keeping. He showed the first-place Interm[illegible] calf at the state show in 198[illegible].

A member of t[illegible] ball team and National Ho[illegible] society at school, Robert hopes to attend Penn State in the fall and major in dairy science.

Potter County

Dean C. Erway

Dean C. Erway, 17, is the son of Melvin and Kay Erway, Ulysses. A student at Northern Potter High School, he has been a member of the Headwaters FFA Chapter for four years.

His projects have included dairy cow, dairy heifer, dairy calf, corn and hay. He has served on the Safety and Publicity Committees.

Dean has served his chapter as treasurer and president. He was a Star Greenhand and won a silver medal for record keeping.

He enjoys sports, motorcycling and snowmobiling. Following high school, he plans to work on the family farm.

Schuylkill County

Jeffery C. Masser

Jeffery C. Masser, 18, is the son of Timothy and Joyce Masser, Pitman. A student at Tri Valley High School, Jeffery has been a member of the Tri Valley FFA Chapter for four years.

Strawberries has been his FFA project. He has served on the [illegible]trus, Seed Sales, and Tri Valley Community Fair Committees.

Jeffery has served his chapter as treasurer and vice president. He has participated in the county Poultry, Tractor Driving, Livestock Judging and Dairy Judging Contests. He has also participated in county and state record book contests.

Following graduation, Jeffery plans to work on his family's 300-acre vegetable and fruit farm.

Snyder County

Kent E. Dunkelberger

Kent E. Dunkelberger, 17, is the son of Glen and Shirley Dunkelberger, Middleburg. He has been a member of the Middleburg FFA Chapter for four years.

Kent has taken projects in beef finishing, dairy calf, field corn, oats, wheat, hog finishing, alfalfa hay and mixed hay.

He has served as assistant chapter vice president and chapter president.

Kent enjoys hunting, trapping and fishing and plans to become a crop and beef farmer.

Gordon R. Fultz Jr.

Gordon R. Fultz Jr., 18, of McClure, is the son of Helen Knepp and Gordon R. Fultz Sr. He has been a member of the West Snyder FFA Chapter for four years.

During that time has taken projects in strawberries, home garden, hay and beef finishing. He was chairman of the Recreation Committee.

Gordon has served his chapter as student advisor, assistant chaplain and assistant treasurer. He holds the Greenhand, Chapter and Sun Area Farmer degrees.

He has earned proficiency awards in fruit and vegetables and forage.

Gordon plans a job in carpentry or farming.

Christopher Harvey

Christopher Harvey, 18, is the son of John and Kate Klinse, Beavertown. He has been a member of West Snyder FFA Chapter for four years.

Christopher has taken projects in beef growing and he has had four years of work experience at Walnut Acres Inc. He was a member of the Barbeque, BOAC, Crops and Beaver Fair Committees.

He has served his chapter as chaplain. Christopher holds the Greenhand and SUN Area Farmer degrees. He earned a proficiency award in beef as well as an electrification award.

Christopher enjoys hunting, fishing, hiking and camping and plans to continue working at Walnut Acres.

Thomas Musser

Thomas Musser, 17, is the son of Arthur L. and Edith P. Musser, Beaver Springs. He has been a member of West Snyder FFA Chapter for four years.

During that time he has taken projects in beef finishing, dairy calves, sheep breeding and potatoes. He also served on the National FFA Week Committee.

Thomas has served his chapter as assistant sentinel, sentinel and reporter. He holds the Greenhand, Chapter Farmer and SUN Area Farmer degrees.

After high school Thomas plans to get a job and he would like to own a farm.

J. David Sheaffer

J. David Sheaffer, 17, son of Dr. William C. and Sue Ann Sheaffer, Beavertown. He has been a member of the West Snyder FFA Chapter for four years.

David has taken projects in strawberries, field corn, oats and wheat. He has served on the Barbecue and National FFA Week Committees. He was state land judging champion.

David has served his chapter as treasurer. He holds the Greenhand, Chapter Farmer and SUN Area Farmer degrees. He has received proficiency awards in small grains and in soil and water management.

He enjoys hunting and racing and would like to become a mechanic.

Mickey J. Treaster

Mickey J. Treaster, 17, is the son of Joseph and Ada Treaster, Mt. Pleasant Mills. He has been a member of the Middleburg FFA Chapter for four years.

Mickey has taken projects in beef growing, finishing and breeding. He has served his chapter as assistant sentinel.

He enjoys hunting, fishing and sports and plans a career in the medical field.

Charles Zerby

Charles Zerby, 19, is the son of Mr. and Mrs. Nevin Zerby, Beavertown. He has been a member of the West Snyder FFA Chapter for four years.

Robert W. Gabel

Dean C. Erway

Jeffrey C. Masser

Kent E. Dunkelberger

Gordon R. Fultz Jr.

Christopher Harvey

Thomas Musser

J. David Sheaffer

Mickey J. Treaster

Charles Zerby

Charles has had projects in market swine, breeding swine, market lambs, breeding sheep and beef breeding and growing. He has served on the Food for America, CROPS and Beaver Fair Committees. He was in the State FFA Band.

Currently acting as chapter president, Charles has placed second in the State Ag Mechanics Contest. He received a gold award in the National Ag Mechanics Contest.

Charles plans to become a partner on the home farm.

Henry Zerby

Henry Zerby, 17, is the son of Mr. and Mrs. Nevin Zerby, Beavertown. He has been a member of the West Snyder FFA Chapter for four years.

Henry has taken projects in market swine, breeding swine, market lambs, breeding sheep, and beef growing and breeding. He has been a member of the Food for America, BOAC and Banquet Committees. He was a member of the State FFA Band.

(Turn to Page D39)

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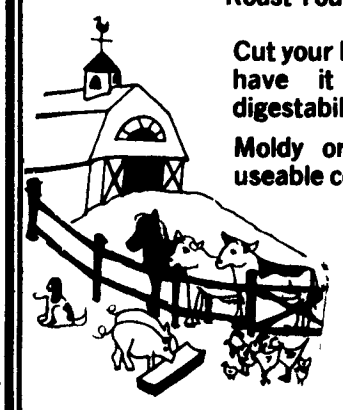

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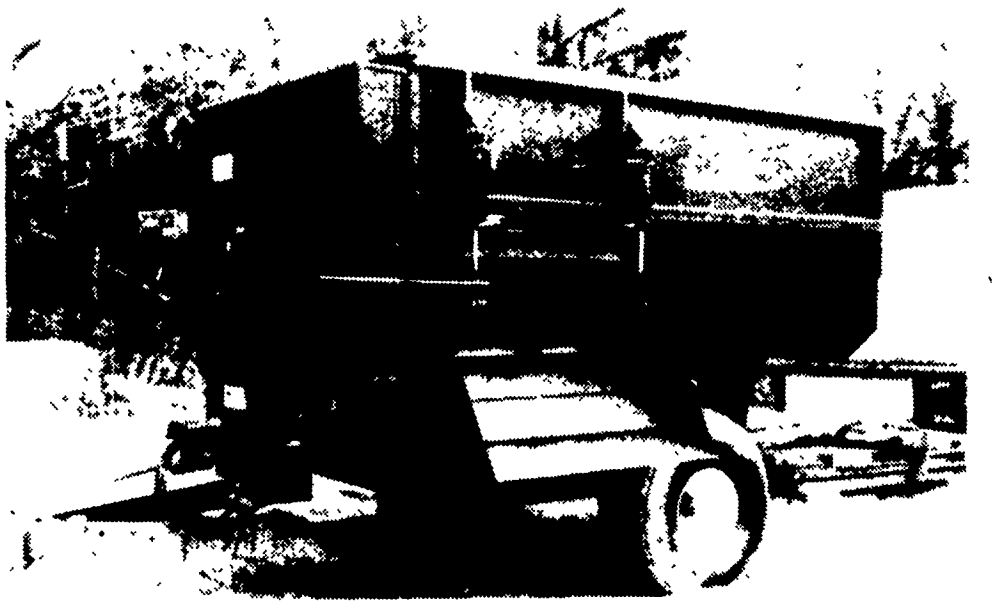

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Pa. FFA awards state degrees

(Continued from Page D38)

Currently serving as SUN Area president, Henry is also chapter vice president. He has placed in state public speaking competition.

Henry plans to be a foreign exchange student for a year, and then attend Penn State and raise Hampshires.

Somerset County

Drew Brant

Drew Brant is the son of Mr. and Mrs. W.J. Brant of Rockwood. His projects include beef finishing, beef breeding and swine breeding.

As a member of the Rockwood FFA Chapter he has participated in various contests, including parliamentary procedure team, livestock judging team and FFA basketball team.

He has served his chapter as chaplain and treasurer and is currently serving as vice president. Drew's other activities include varsity wrestling, varsity track, volleyball club, and 4-H.

He is a member of the Somerset County Beef Producers and a member of the American Chianina Association.

He plans to attend college to major in physical therapy.

Henry Zerby

Drew Brant

Steven Hoffman

David Peck

Keith Deal

Keith Deal is the son of Mr. and Mrs. Walter Deal of Salisbury. Keith has been president and vice president of the Meyersdale FFA Chapter and held the office of county treasurer.

He participated in the second place Demonstration Contest in the state and in the Somerset County Public Speaking and Parliamentary Contests.

Keith owns a dairy herd and works on the home farm. After serving in the U.S. Air Force, he plans to continue farming.

Kevin Deal

Kevin Deal, the son of Mr. and Mrs. Walter Deal, Salisbury, is treasurer of the Meyersdale FFA Chapter.

He is active in many chapter committees and works on the home farm for his supervised occupational experience program.

Kevin plans to continue farming after graduation.

Steven Hoffman

Steven Hoffman is the son of Mr. and Mrs. Edward Hoffman of Rockwood. Steven is a senior at Rockwood High School and is enrolled in vocational agriculture.

His projects include swine breeding and finishing and working on and off the farm. Steven is currently chapter treasurer and served as sentinel last year.

Steven's future plans are to attend college and major in dairy science.

David Peck

David Peck, 17, is the son of Mr. and Mrs. John L. Peck, Fort Hill. A student at Salisbury-Elk Lick, David has been a member of the Mt. Davis FFA Chapter for four years.

David has taken the baby beef project and has served on the Ag Advisory Committee.

He holds the Greenand and Chapter degrees and served as junior advisor.

David enjoys sports, music, hunting and woodworking and plans to attend college or a trade school.

Keystone Degrees continued in Section E

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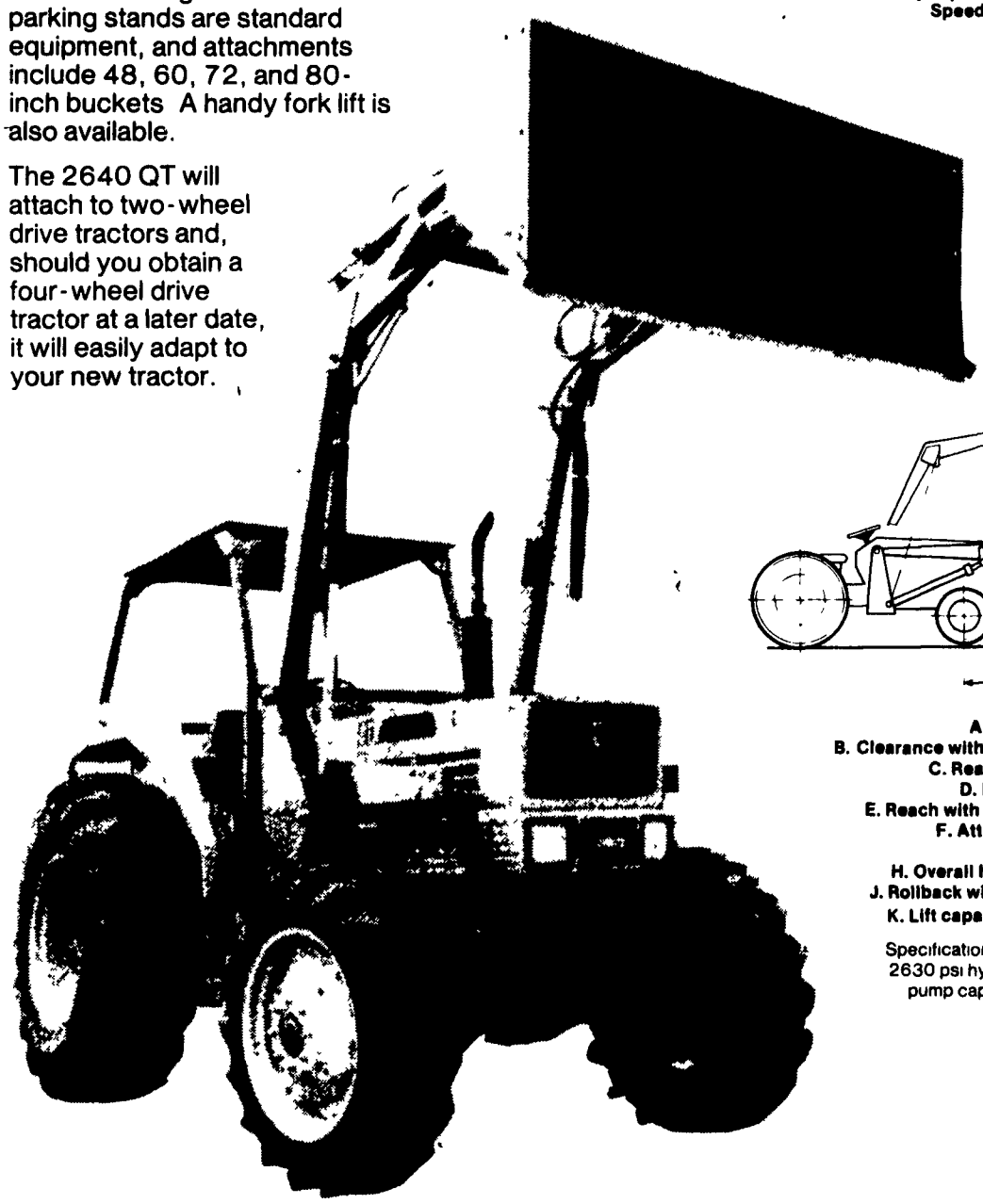

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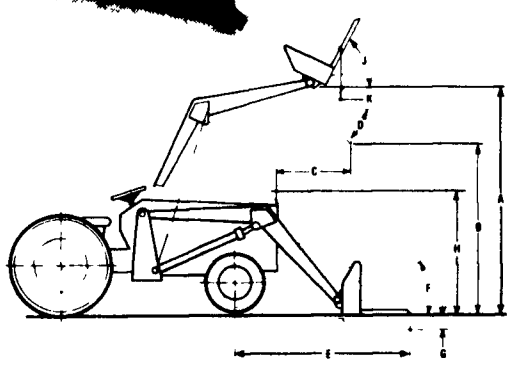

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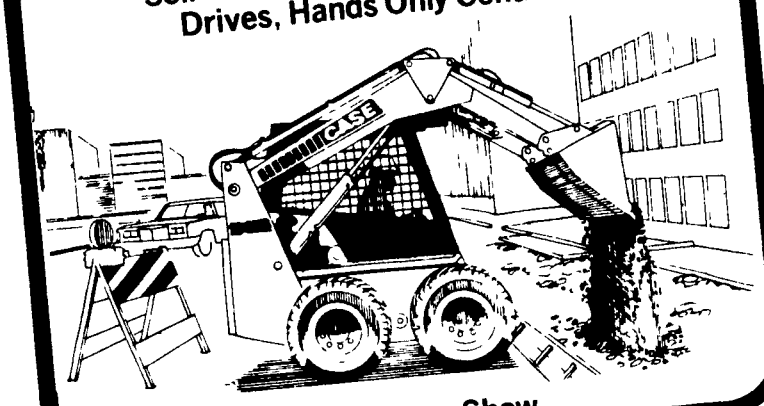

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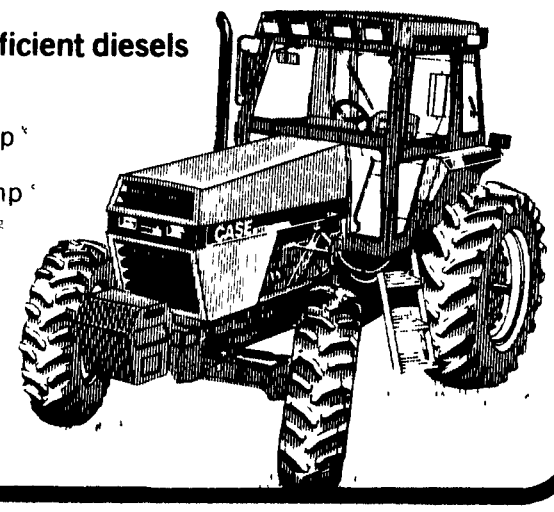

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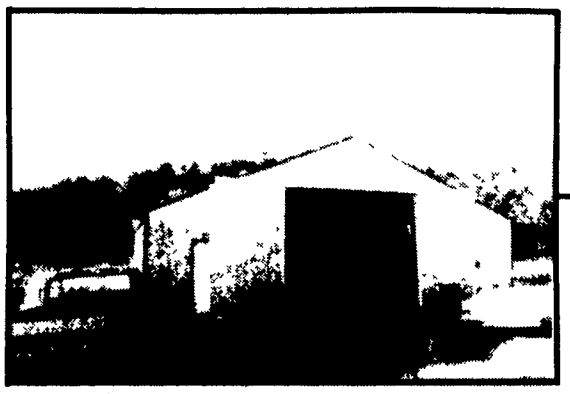

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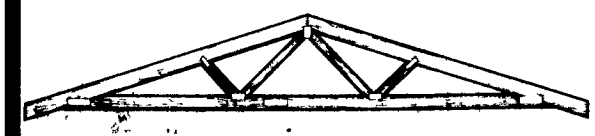

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Somerset County

Gerald Murray

Gerald Murray, the son of Mr. and Mrs. Frank Murray of Salisbury, is president of the Meyersdale FFA Chapter. He has also served as treasurer.

Gerald owns a herd of six registered Guernsey cattle and has earned state recognition in judging dairy cattle. He is active in public speaking, parliamentary procedure and demonstration contests.

Gerald was president of his local 4-H club for three years.

After graduation Gerald plans to continue farming.

Robert Schrock Jr.

Robert Schrock Jr. is the son of Mr. and Mrs. Robert Schrock of Garrett. He is president of his local chapter, a member of the National Honor Society and active in leadership activities.

Robert has an extensive farming program which includes a dairy herd, corn, oats and hay. He is county sentinel and past chapter secretary. He recently won a trip to the National FFA Convention for placing second in the State Agronomy Contest.

Robert plans to attend Penn State to major in ag business management.

Randy Scott

Randy Scott, the son of Mr. and Mrs. Ralph Bland of Meyersdale, is secretary of the Meyersdale FFA Chapter.

His supervised occupational experience program includes dairy cows and working on his neighbors' farms.

Randy is also active in 4-H and is treasurer and past vice president.

After high school, Randy plans to work on computers.

Craig Waltermire

Craig Waltermire is the son of Mr. and Mrs. C. Ben Waltermire of Rockwood. A senior at Rockwood High School, he is enrolled in vocational agriculture.

Craig's projects include corn grain, corn silage, oats, barley, hay and on-farm work. Craig has served his chapter as parliamentarian and reporter.

As a member of the Rockwood FFA, Craig has participated in various contests, including, palriamentary procedure team, dairy judging team, FFA basketball, FFA volleyball, and FFA softball.

Craig is also a member of the New Centerville and Rural Jr. Volunteer Fire Departments, 4-H, varsity baseball and senior high band.

Craig plans to attend college to major in dairy science.

Brian Weimer

Brian Weimer is the son of Mr. and Mrs. Kenneth Weimer of Rockwood. A senior at Rockwood High School, Brian is enrolled in the academic course.

Brian's FFA projects have included hay, oats, corn and dairy herd management.

Brian has served his chapter as president and secretary; he is currently county president.

As a member of the Rockwood FFA Chapter, Brian has participated in various activities, including, dairy judging, parliamentary procedure, public speaking and demonstration team.

Brian's future plans are to attend college and major in agriculture.

Tioga County

Rebecca Lichty

Rebecca Lichty, 18, is the daughter of C. David and Marsha Lichty, Mansfield. A student at Mansfield High School, Rebecca has been a member of the Mansfield FFA Chapter for four years.

Rebecca owns two Ayrshire cows and four Ayrshire heifers, and two Holstein cows and two Holstein calves. She was float chairman and participated in parliamentary procedure.

Rebecca has also participated in dairy, livestock, forestry and land judging contests.

She has served her chapter as secretary for three years and was named Star Chapter Farmer. She holds the Greenhand, Chapter and County Farmer degrees.

Rebecca has earned proficiency awards in dairy and horse. She enjoys showing cows, riding horses and painting. She plans to attend Millersville University to major in art education.

Carolyn Norman

Carolyn Norman, 18, is the daughter of Ernest and Dorothy Norman, Liberty. A student at Liberty High School, she has been a member of the Liberty FFA Chapter for four years.

Carolyn's projects have been two cows and three heifers. She has also served on the Banquet and Fruit Sales Committees.

Carolyn is currently chapter and county president and is past chapter reporter. She was named Star Greenhand and Star Chapter Farmer. She also holds the Greenhand and Chapter Farmer degrees.

Carolyn has earned a proficiency award in dairy production. She plans to attend Penn State to major in dairy production.

John P. Painter

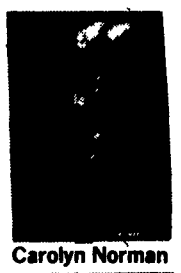
John P. Painter, 17, is the son of Mr. and Mrs. John Painter, Westfield. A student at Cowanesque Valley High School, John has been a member of the Cowanesque Valley FFA Chapter for four years

John's projects have included dairy cows, corn for grain and silage, oats, finishing swine and dairy records.

Craig Waltermire

Brian Weimer

Rebecca Lichty



Carolyn Norman

John P. Painter

Brenda Seeley

John was named Star Greenhand and Star Chapter Farmer and holds the County Farmer degree. He has served his chapter as president and vice president.

John has participated in public speaking and parliamentary procedure team. He has earned proficiency awards in dairy and corn.

He is Dairylea Youth Cooperative treasurer and is a member of the Grange. In the future, John plans to own and operate a dairy farm in Tioga County.

Brenda Seeley

Brenda Seeley, 17, is the daughter of Sharon and James Seeley, Sabinsville. A student at Cowanesque Valley High School, she has been a member of the Cowanesque FFA Chapter for four years.

Brenda has taken the beef breeding project and has had experience both on and off the farm. She has attended the Mid-Winter, Summer and National Conventions. In addition, she has participated in public speaking and parliamentary procedure team.

(Turn to Page E4)

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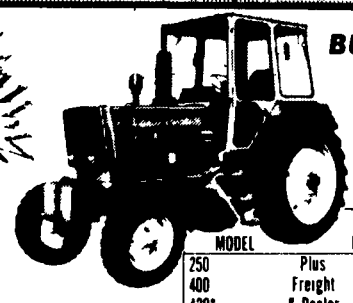

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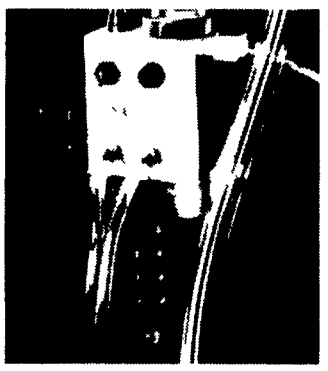

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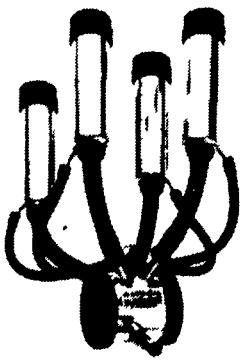

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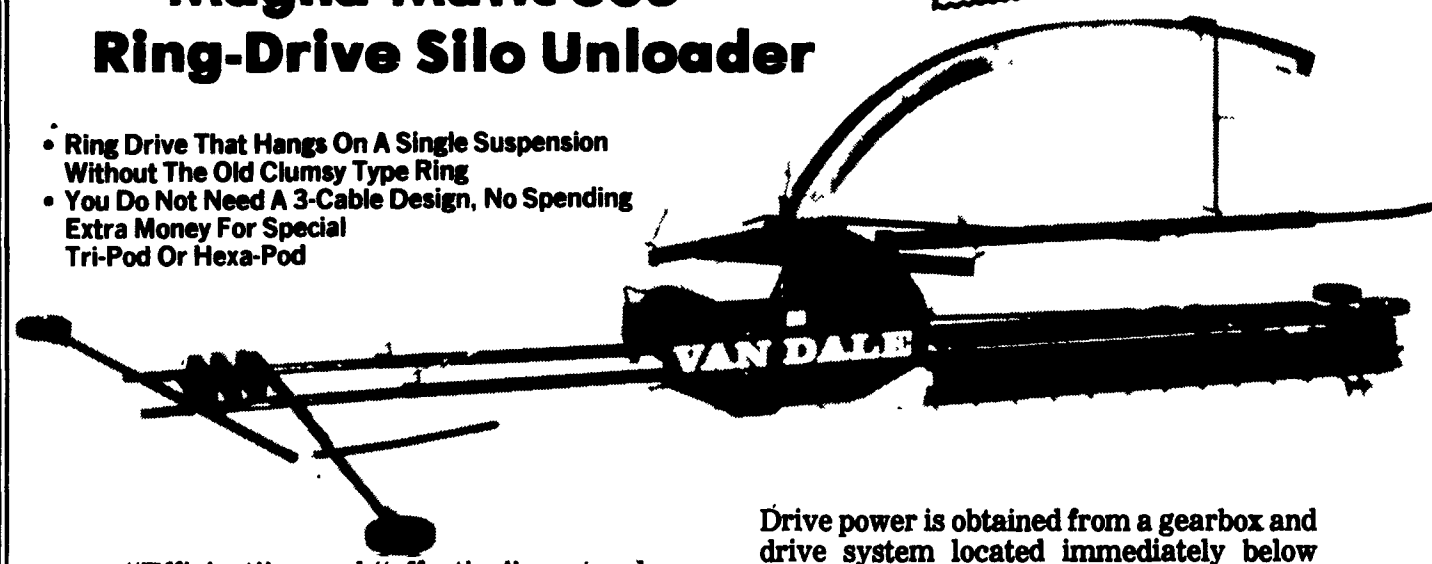

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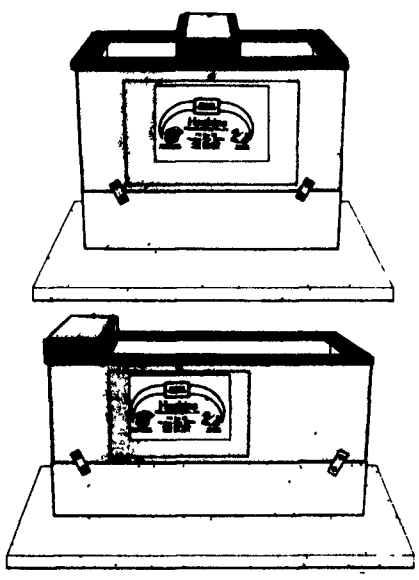
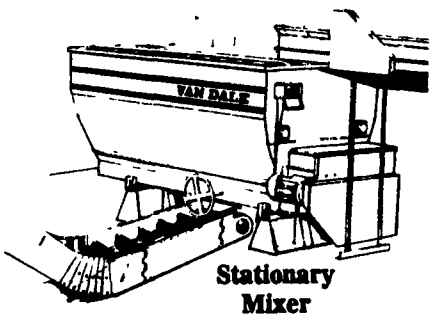
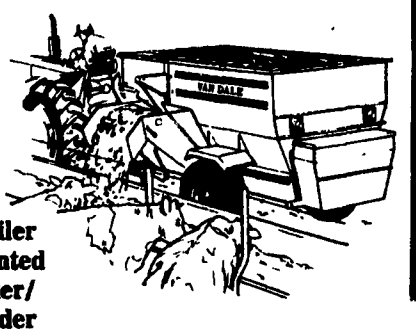


THE MIXER FEEDER LINE

Truck Mounted Mixer/Feeder



Stationary Mixer



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Keystone recipients are active FFA'ers

(Continued from Page E1)

She has served her chapter as vice president and treasurer and holds the Greenhand, Chapter and County Farmer degrees. She has also chaired a number of committees.

Brenda has received a proficiency award in fruit and vegetable production.

She plans to attend a four-year college to become a registered nurse.

Jackie Sparling

Jackie Sparling, 17, is the daughter of Mr. and Mrs. Howard Sparling, Mansfield. A student at Mansfield Junior/Senior High School, she has been a member of the Mansfield FFA Chapter for four years.

Jackie has taken the dairy herd project with a herd consisting of 10 Holstein dairy cows, six Holstein heifers, one Jersey heifer and two Holstein bulls.

She holds the Greenhand, Chapter Farmer and County Farmer degrees and has been a member of several committees.

Jackie has won numerous awards with her dairy cattle, including master fitter and showman at Northeast FFA Districts and Pa. State Junior Dairy Show; first place junior calf and junior yearling at Northest FFA Districts; third place junior yearling at the Pa. State Junior Dairy Show and grand champion bull at Northeast Districts in 1983.

Jackie plans to major in dairy production at Penn State or Alfred University, then continue in dairy farming.

Union County

David Anthony Dietrich

David Anthony Dietrich, 17, is the son of Mr. and Mrs. David Dietrich, Mifflinburg. A student at Mifflinburg Area High School, David has been a member of the Mifflinburg FFA Chapter for four years.

David has completed projects in market lambs, sheep breeding, dairy herd, alfalfa, corn and oats.

He has served his chapter as sentinel, chaplain and assistant treasurer and has been SUN Area treasurer. David holds the Greenhand, Chapter and SUN Area degrees. He received the Star Greenhand and Star SUN Area Farmer awards. He also received proficiency awards for sheep production and diversified crop production.

In addition, David has participated in area, district, regional and state parliamentary procedure contests, public speaking contests and area dairy judging contests. He received a bronze award at the State FFA Project Book Contest.

David plans to attend college and return to the farm.

James V. Fischer

James F. Fischer, 17, is the son of Roy D. and Phyllis Fischer, McDonald. A student at Fort Cherry High School, James has been a member of the H.G. Parkinson, Fort Cherry FFA Chapter for three and a half years.

His projects have included home garden, hunting dog, muskrat trapping and Ginseng growing. He has been chairman of the Public Relations and State and National Activities Committees.

James placed first in the county and area Public Speaking Contests. He was fourth in the regional Creed Contest and second in the chapter contest.

He has attended the Washington Conference Program and the National Convention.

James would like to get a job with the Soil Conservation Service or further his education in agriculture.

David A. Gessner

David A. Gessner, 17, is the son of Earl W. Gessner, Lewisburg. A student at Mifflinburg High School, he has been a member of the Mifflinburg FFA Chapter for three and a half years.

David has completed projects in dairy heifer operation, swine finishing and pleasure horse.

He is president of his FFA chapter and is a past chapter reporter. He holds the Greenhand, Chapter Farmer and Area degrees.

David plans to earn a bachelor's degree in dairy production at Penn State and then manage his own dairy operation.

David A. Walter

David A. Walter, 17, is the son of Elwood and Anna Walter, Lewisburg. A student at Mifflinburg High School, he has been a member of the Mifflinburg FFA Chapter for three years.

David has taken projects in dairy herd, strawberries, peanuts, corn, oats, alfalfa and clover hay. He has served on the West End Fair, Banquet and Food for America Committees.

He has served his chapter as treasurer and vice president. He holds the Greenhand, Chapter and Area degrees.

In the future, David plans to be a DHIA milk tester.

Washington County

Chris Robert Coulter

Chris Robert Coulter, 18, is the son of Robert M. and Shelva Coulter, Washington. A student at Avella Junior/Senior High School, Chris has been a member of the Avella FFA Chapter for four years.

His FFA project has been raising hogs and he has participated in several contests, including: milk chugging, land judging, dairy judging, and livestock judging.

Chris is currently chapter president. He holds the Greenhand and Chapter Farmer degrees. He enjoys raising hogs, fishing and hunting.

Chris plans to continue raising purebred Yorkshire, Hampshire and Duroc hogs. (Turn to Page E5)

Jackie Sparling

David Anthony Dietrich

James V. Fischer

David A. Gessner

David A. Walter

Chris Coulter

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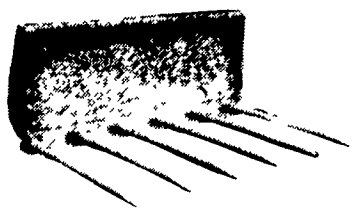

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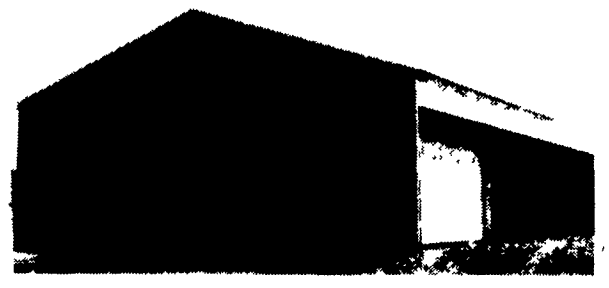

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Westmoreland County

John Wayne Wilkinson

John Wayne Wilkinson, 19, of Armbrust, has been a member of the Central Westmoreland FFA Chapter for three years. He is a graduate of Hempfield Area Senior High School.

John holds the Greenhand and Chapter Farmer degrees. He was selected Star Greenhand.

He served his chapter as sentinel and treasurer and competed in the state Wildlife Contest. In addition, he competed in the chapter Welding, Cold Metal, and Tractor Pulling Contests.

John was chairman of the Citrus, Greenhouse and Candy Committees. He was a member of the Initiation and Tool Panel Committees.

He is currently studying ornamental nursery management at Penn State University. He is planning to become a partner in his family's nursery business.

York County

Richard A. Berkheimer

Richard A. Berkheimer is the son of Mr. and Mrs. Roy Berkheimer of Wellsville.

Richard is a 17-year-old senior at Dover Area High School. His SOE projects include finishing market swine for the York Fair and the Farm Show, beef finishing, beef breeding, swine breeding, raising strawberries and working for his parents on their farm. He is presently employed by Rineway Dairy Farm.

Richard's achievements in the FFA include Outstanding Greenhand, proficiency awards in swine finishing and diversified livestock production and 1984 York County Star Farmer.

He was president of the Dover Chapter for 1984-85 and won the county Agronomy Contest in 1984.

Richard plans to continue working for Rineway Dairy Farm after graduation.

William Jay Boothe

William Jay Boothe, 19, is the son of Mr. and Mrs. Okie W. Boothe, Fawn Grove. William has been a member of the Kennard-Dale FFA Chapter for four years.

William has four years of work experience. He served on the Leadership Committee for two years and on the Cooperation Committee for one year.

William has served his chapter as president and was York County treasurer in 1983. He was named Star Agribusinessman and won a Dekalb Award. In addition, he earned a second place in the Ag Salesmanship Contest and a fifth place in the state Ag Sales Contest.

In 1985 William was the State Ag and Sales Proficiency Award winner and the Eastern Region Proficiency Award winner. He was the state project book winner in 1984.

William plans a future in the army followed by a career in agriculture business.

Bo Bush

Bo Bush, 17, is the son of David and Judy McManus, Delta. A student at Kennard-Dale High School, Bo has been a member of Kennard-Dale FFA Chapter for almost four years.

His projects have included swine fattening and breeding, breeding gilts, crop production sweet corn, rabbits and dairy heifer.

Bo has been chairman of a number of committees and earned the White Rose degree. He has won the Swine Production Award and the State Pork Producers Award.

He has served his chapter as parliamentarian.

John Wayne Wilkinson

Richard A Berkheimer

Bill Boothe

Bo Bush

Bo would like to own a hog fattening and swine breeding facility.

James E. Eisenhour Jr.

James E. Eisenhour Jr. is the son of James and Brenda Eisenhour of Wellsville.

James is an 18-year-old senior at Dover Area High School. His SOE projects include a herd of 21 registered Angus, 25 acres of corn, 20 acres of hay and experience working for his parents on their poultry farm.

James' achievements in the FFA include proficiency awards in beef production and crop production. He served the Dover Chapter as chairman of the Citrus and Supervised Farming Committees. He is also a member of the York County 4-H Beef and Wellsville Clubs.

Mark John Gingrich

James E. Eisenhour Jr.

James plans to enter a partnership with his parents after high school graduation.

Mark John Gingrich

Mark John Gingrich is the son of Mr. and Mrs. John Gingrich of Dover.

Mark is a 17-year-old senior at Dover Area High School. His SOE projects include beef breeding, beef finishing, sheep finishing, and sheep breeding. He works for Jerry L. Rutter's Livestock Farm.

Mark's achievements in FFA include proficiency in beef production and home improvement. He served the chapter as Banquet Committee chairman. He is a member of the York County 4-H.

Mark plans to continue working for Rutter's Livestock upon graduation.

James Hall

James Hall, 18, is the son of Mrs. Freda C. Hall, York. A student at Eastern High School, James has been a member of the Eastern FFA Chapter for four years.

His projects have included beef growing, beef finishing, and work experience in the poultry industry.

(Turn to Page E6)

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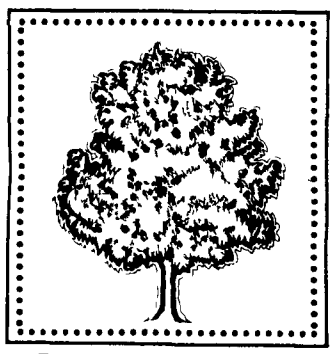

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Peach & Nectarine
4-6 Ft. Trees
prices Per Tree

Each	$7.00
3-9	$6.50
10-49	$5.50

List of varieties available
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Red Rose
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4-6 ft. Trees
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Each	$8.00
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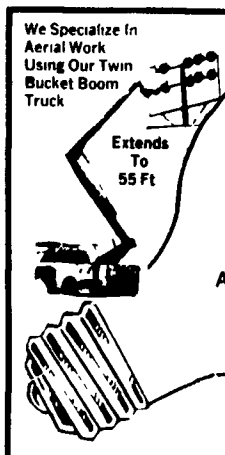

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(Continued from Page E5)

He has been chairman of the Earnings and Savings, and the State and National Activities Committees.

James is currently chapter treasurer and has been a member of the poultry judging team. He has received proficiency awards in ag production and beef finishing. His record book took first place at the York Fair. He holds the White Rose degree.

James plans to continue in ag production after graduation.

Brian Keith Klinedinst

Brian Keith Klinedinst, 17, is the son of Mr. and Mrs. Marlin Klinedinst, Stewartstown.

A member of the Kennard-Dale FFA Chapter for three years, Brian has had projects in swine finishing, sheep breeding, market lambs, rabbit fattening, and home garden.

He holds the Greenhand, Chapter Farmer and White Rose degrees. In 1985, Brian was named York County outstanding FFA boy. His other activities have included diversified livestock, soil and water management, and fruit and vegetable management. At the York Fair he participated in livestock judging and market lambs.

In 1984 Brian was a member of the county's first place parliamentary procedures team, which also placed first in the area and sixth in the region. Brian plans to major in agriculture in college.

Thomas L. Parks

Thomas L. Parks, 17, is the son of Roy E. and Elayne Parks, Stewartstown. He has been a member of the Kennard-Dale FFA Chapter for almost three years.

Thomas' projects have included dairy cow, dairy calf and corn production. Thomas has served his chapter as sentinel and was York County FFA president in 1984.

In addition, Thomas has earned a Chapter Scholarship Award, Chapter Dairy Proficiency Award, and a Production Credit Award for Excellence in Record Keeping.

This year he received the White Rose Star Farmer Award. He has also received a silver medal in the state Project Book Contest. He holds the Greenhand and Chapter Farmer degrees.

Thomas plans to major in biochemistry and minor in dairy science at Virginia Tech. Then he would like to become an embryologist and own a dairy and crop farm.

Daryl S. Reedy

Daryl S. Reedy is the son of James and Gloria Reedy of Dover.

He is a 17-year-old senior at Dover Area High School. His SOE projects include a herd of 10 registered Hampshire sheep, sheep finishing, and working for Jerry L. Rutter's Livestock Farm.

Daryl's achievements in the FFA include a proficiency award in sheep production and Outstanding Greenhand. He served the chapter as sentinel and treasurer.

He was a member of the lighting crew for the school musical and is a member of the York County 4-H Lamb and Wellsville Clubs.

Daryl plans to continue working for Rutter's Livestock.

Gerald W. Stermer Jr.

Gerald W. Stermer is the son of Mr. and Mrs. Gerald Stermer of East Berlin.

He is an 18-year-old senior at Dover Area High School. His SOE projects include finishing 20 market swine for the York Fair and Farm Show, beef finishing, seven acres of corn and working on his parents' farm and in their custom butcher shop.

Gerald's achievements in FFA include Outstanding Greenhand, proficiency in agricultural processing and swine finishing and serving as York County Sentinel for 1984-85.

Gerald plans to pursue a job in agricultural processing.

James Hall

Brian Keith Klinedinst

Tom Parks

Gerald W. Stermer Jr.

Northumberland County

Rich Crone

Rich Crone, 17, is the son of Stanley and Mary Crone, Danville. A student at Danville Area High School, Rich has been a member of the Danville FFA Chapter for three years.

Rich has completed projects in buckwheat, field corn, wheat, oats, barley, sunflowers and soybeans. He has been chairman of the FFA Farm, Fundraising, and Banquet Committees and has been a member of the SOEP Committee.

He has served his chapter as secretary, president and chaplain. Rich was named Star Greenhand and Star Chapter Farmer. He holds the Greenhand and Chapter Farmer Degrees.

Rich enjoys kart racing and watching car races. He plans to work on his father's farm and would like to incorporate with his brother and father.

Lori Ortiz

Lori Ortiz, 17, is the daughter of James and Sandy Winn, Milton. A student at Danville Area High School, Lori has been a member of the Danville FFA Chapter for three years.

Lori's SOEP projects have included dairy heifers, beef heifers and steers. She was chairman of the BOAC/Food for America and Scholarship Committees. She was also a member of the Banquet/Fundraising Committee, the parliamentary procedure team, and the State FFA Band.

Lori has served her chapter as reporter and secretary. She holds the Greenhand and Chapter Farmer degrees. She has earned foundation awards in diversified livestock and sheep production. She has shown dairy cows at fairs and has attended the Washington Leadership Conference.

Lori enjoys working with her show heifer, skiing and cooking. She plans to major in dairy husbandry at Delaware Valley College. After graduation, she would like to own a small dairy farm.

Tracy Frantz

Tracy Frantz,18, is the daughter of Mr. and Mrs. Wayne C. Frantz from Schnecksville. She attended Parkland Sr. High School and was a member of FFA for three years. years.

Her projects included registered breeding sheep,home and garden,parent member banquet,and pumpkin seed contest judge.She also served on in cider sales committee, PA Farm Show exhibit committee, open house committee, Open Gate farm tour committee, chicken barbecue committee, and chapter exhibitions - sheep committee.

Tracy Frantz

Some of her achievements include Chapter Farmer degree, Greenhand degree,as well as receiving a gold medal sheep showmanship..

In addition to being a member of the American Shropshire Association she was also the captain of the high school junior varsity softball team and a member of the National Honor Society.

Presently, she is a freshman at Cedar Crest College majoring in biology and medical technology.

Dr. Ruoss to receive Honorary Degree

Dr. L. Lloyd Ruoss, superindentent of Eastern Lancaster County School District, will receive an Honorary Keystone Farmer Degree during the 57th Annual Convention of the Pennsylvania FFA on Jan 15.

Each year, the Pennsylvania Association of FFA honors a limited number of school administrators, businessmen, farmers and teachers of agriculture with this award.

Englands will receive Honorary Degree

Mr. and Mrs. William England, R1 Williamsburg, will receive the Honorary Keystone Farmer Degree. The Pennsylvania Association of FFA recognizes parents who have three or more sons and/or daughters who have received the Keystone Degree.

Mr. and Mrs. England have three daughters who have received the Keyston Degree. They are: Laura and Teresa in 1980 and Maureen in 1986.

Keystone Feed and Flour to be honored

Keystone Feed and Flour, Inc., Williamsburg, has been selected to receive a citation award at the 57th Annual Winter Convention of the Pennsylvania Association of FFA. A citation is presented to businesses and associations which help the FFA in many ways.

Keystone Feeds, owned and operated by Ronald Bookhammer, has supported the local FFA Chapter and has provided trophies for the Blair, Bedford and Fulton Area market hog show and sale for years.

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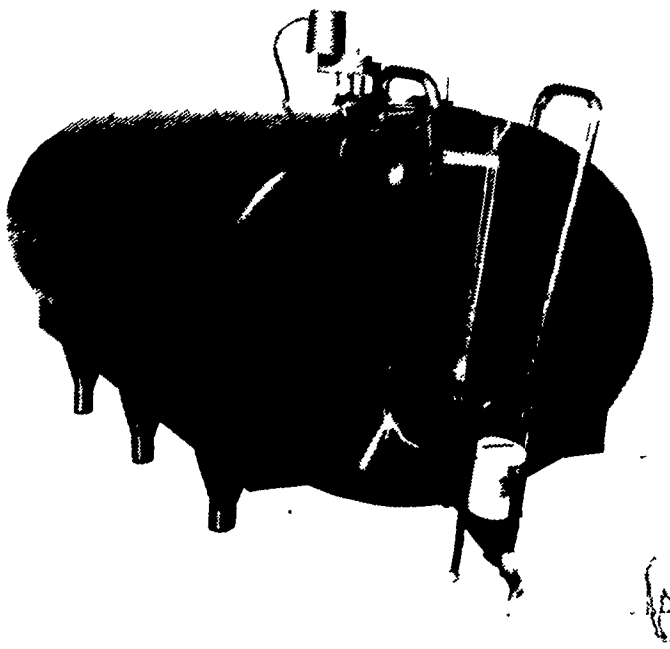

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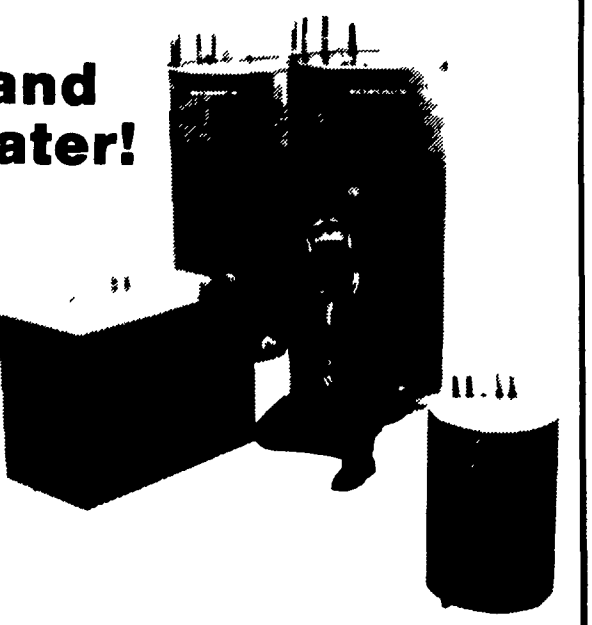

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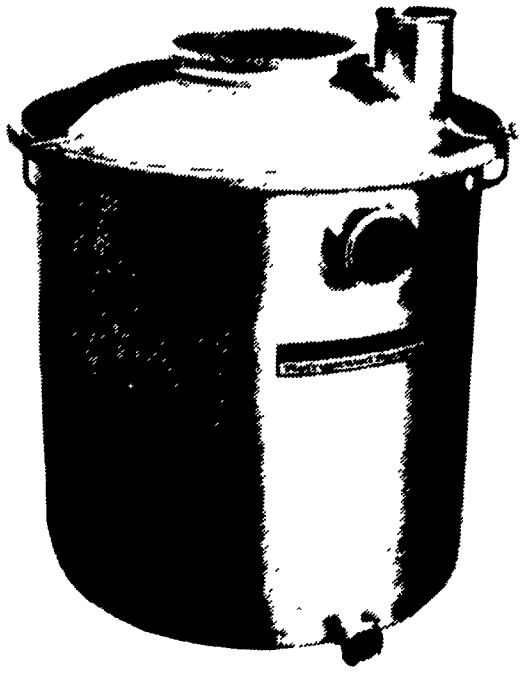

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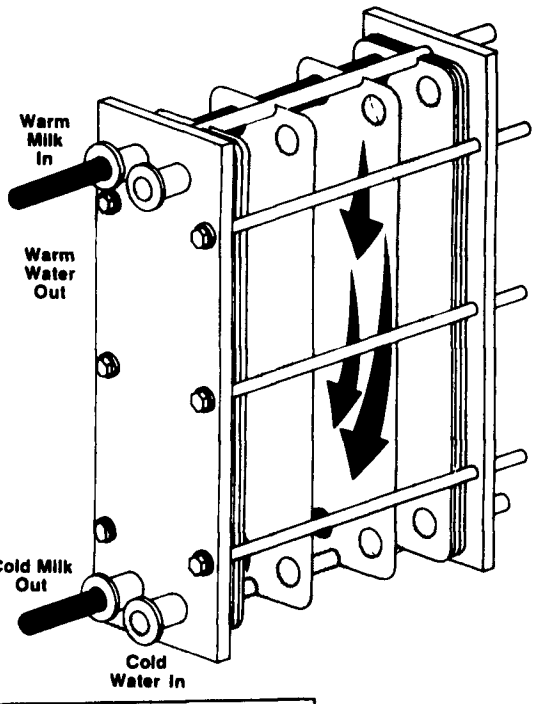

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

One subject I have discussed innumerable times is to get it in writing. By that I mean anything that is an agreement between one person and another should be in writing.

Why? Aren't people trustworthy anymore? No, that is not the main problem.

The main problem is twofold. First, people simply do not remember details as well as they think they do. Second, an agreement in writing is much less apt to be misinterpreted or misunderstood. There is something about seeing it in black and white that makes it much clearer.

For instance, I recently worked with a rental situation where there was nothing in writing. Neither party felt there was anything necessary between the two of them.

Unfortunately the landlord died and the land was sold by the heirs. There was a stand of corn on the land. There was also a new seeding of alfalfa. In addition, the tenant had spread over 50 tons of lime last year.

Guess what? The new owner wanted to farm the land himself. Who gets the corn? Does the new owner or the old owner owe anything to the tenant for the new seeding or the lime? If there had been a written agreement, there would be no question.

WILLS

While we are discussing getting it in writing, let us discuss that almost forgotten topic–wills. A lot of farmers still do not have a will. WHY? The other day I was amazed at the reason one farmer gave me. He said "My father made me sweat and fight it out with my brother and sister, so why shouldn't I do the same thing?"

I did not dare tell him that was hardly a Christian thing to do, because he would have been so insulted that I would never have been able to work with him again. My why is why don't people look at transactions more in line with "Do unto others as you would have others do unto you."

While we are on the subject of wills. Please do not try to force someone whom you profess to love to do something by way of the will that they would not do otherwise. I have had parents leave property to two or more children with the kicker" if they will operate as a partnership." If the people in question get along well together and the operation is big enough for both of them, it may work.

INVENTORY

Do not forget to inventory. Start this year even if you never have before. The experience could be very useful for your management decision making. I have received several questions since my column on inventory. One of the questions concerns putting values on the various inventory items. There are several ways to do this. You can use market, cost, or a flat amount that does not vary from year to year.

To arrive at a market value for some products such as silage, young cattle, or pigs between 50 and 200 pounds, can be difficult. I would suggest using a percentage of the price of grain for silage or use feed value, a percentage of the price for adult or marketable animal for young animals.

TAX MEETINGS

I will have three farm tax meetings and one farm tax workshop for my area in central Pennsylvania. Juniata County--1-29-86 at Extension office (7:30 P.M.), Mifflin County--2-3-86 basement meeting room Courthouse (7:30 P.M.); Centre County--2-5-86 at Willow Bank Bldg meeting room (7:30 P.M.). WORKSHOP: 2-13-86 basement meeting room Courthouse in Lewistown (10 A.M. to 4 P.M.).

Keep family on farm by keeping farm in the family

COLLEGE PARK, MD – If families are going to stay in farming, farms are going to have to stay in families.

The ways farmers pass their land and equipment on to the next generation may vary, but at some point someone is going to inherit something. The trick, says Dr. George A. Stevens, is to make that inheritance as painless as possible.

Stevens, an agricultural economist at the University of Maryland, says a bit of preliminary planning is all that is required. Planning your estate's disposal makes it easier for your heirs to keep farming, he says.

Planning how your estate is to be disposed of involves a lot of options, Stevens says. He adds that doing this before you die prevents headaches and saves money for your heirs.

Stevens offers some tips that can reduce federal taxes on the estate. For estates that are expected to total less than $600,000 at the death of the surviving spouse:

1. Write a will. If there is no legal document saying how the estate is to be divided, there will be more problems for the heirs. Jointly owned property automatically passes to the surviving joint owner regardless of what the will says.

2. Make sure you have enough cash available to settle the estate. It usually takes from three to five percent of the total value of the estate to do this. Cash can come from insurance policies or other assets that can be sold quickly.

When the first spouse dies, there is usually little problem disposing of the estate. The Internal Revenue Service's "unlimited marital deduction" allows any amount of assets to pass over to a spouse without paying any federal estate taxes. However, when the second spouse dies, the heirs will pay taxes on the entire estate, Stevens says.

For small estates, Stevens says a will and ready cash should be all that is needed. However, anyone with assets worth over $600,000 should take a few additional steps he says.

In very large estates, a combination of dispersal strategies is necessary. Methods may include estate splitting, trusts or gift plans. Again, Stevens says, the main idea is early planning.

Farmers with large amounts of land should start splitting the estate while both spouses are alive. The taxes on two estates will be less than if there was one large one, he says.

The first thing to do in these cases, Stevens says, is to split up any joint ownerships of property before either spouse dies. Each then writes a separate will establishing a special trust for the other. This trust allows the wife to benefit from the husband's property following his death without inheriting it, and vice versa.

By doing this, each partner can will their part of the estate separately and reduce the total amount of taxes paid on the combined estate, Stevens says. The calculations leading to this are long, he says, but the final savings are significant.

"The main thing we have to be careful about in these large estates is not overloading the surviving spouse with estate taxes," Stevens says. He and other Extension Service specialists spend much of their time helping farmers plan their estates so this does not happen.

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Chester County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

CHESTER COUNTY DHIA
November, 1985

Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
Melwood Farm		3	36 3	90 3	22,746	891
H & R Mason		3	122 1	90 8	21,436	800
Ardrossan Farms		1	126 1	87 0	19,337	799
Robert E Pepple		3	63 9	86 9	20,295	784
Dunwood Farm		3	57 0	87 4	20,592	776
Jonas B Stoltzfus		3	47 5	87 1	19,763	754
Joseph Lusby		B3	47 9	85 4	19,486	736
George P Lamborn		3	36 3	88 2	20,107	734
Richard Hostetter		B3	43 5	87 6	19,840	731
Kenneth Umble		3	58 1	89 1	19,875	731
Bright Meadows		B3	70 0	83 1	19,429	727
John S Stoltzfus		3	73 8	89 1	18,540	726
Breck-A-De Farm		3	78 9	86 5	19,319	725
Kulp Bros		B3	88 0	86 7	18,722	717
David K Stoltzfus		B3	45 4	83 2	18,171	717
Vernon Guest & Son		B3	95 1	87 0	18,587	716
Ridglea Farm		3	96 1	87 5	18,281	711
Jefferson D Yoder		3	69 7	88 9	18,975	711
Glen H Freese		3	69 1	88 8	20,133	708
Willowland Farm		3	61 1	87 9	18,747	704
James V Yale		B3	67 8	91 3	17,660	704
Wilmer L Hostetter		3	50 2	86 1	19,675	703
Paul King		3	72 8	94 2	19,163	698
Floyd Miller & Sons		B3	68 6	87 2	18,639	694
Arthur D Hershey		3	50 1	87 3	19,364	691
David&Dawn Windle		3	55 6	86 0	18,818	689
Benjamin K Kauffman		B3	41 3	89 3	18,963	687
Merle J King		B3	84 9	87 4	18,450	687
Chris&Ches Stoltzfus		3	55 8	85 5	17,348	685
Maplesway Farm		3	65 5	88 5	18 411	685
Hargret Dairy Inc		B3	49 9	85 3	18,483	684
Dale Hostetter		3	49 5	88 0	19,262	683
Leon D Kurtz		3	42 1	83 9	19,140	682
Mrs John B Hannum 3d		B3	91 2	87 9	19,501	681
Round Top Farm		B3	85 7	83 3	18 959	681
Jesse E Lair		B3	86 0	86 5	19 785	679
Spring Aqua Farm		3	86 0	89 1	19,066	677
David E Weaver		3	96 8	85 5	17 713	676
Donald M Horning		B3	49 2	86 9	18,356	674
J Harold Bare		3	65 6	82 2	18,003	673
Elmer A Mast		B3	83 9	87 7	17,385	673
Harold R Kulp		B3	79 3	87 4	17,893	671
Herman Stoltzfus		3	51 1	87 0	18,234	671
Pei Valley Farm		B3	72 5	87 2	17,976	669
Thomas C Kearns		B3	47 0	87 8	18,321	666
Ben Beiler& T Barlow		3	95 1	83 5	17,834	665
Timberview Farm		3	58 6	87 6	16,625	665
Swan View		3	61 7	86 1	18,257	664
Louis C Neyman		G3	27 7	88 5	17,468	663
Mast Stoltzfus		3	41 1	89 3	17,665	661
Charles J Moore		B3	44 9	83 4	18,837	657
Abner R King		B3	36 9	86 2	17,050	656
Mark&Melody Stoltzfus		B3	54 8	82 8	17,578	655
Donald Hostetter		3	84 0	84 8	17,728	653
Lloyd Mast & Sons		3	128 1	88 1	16,898	653
Lester Eby		3	59 0	89 3	18,232	652
Daniel M Stoltzfus		B3	49 6	82 4	17,014	651
Samuel B Acker		B3	175 0	89 3	17,019	650

Melwood Farm							
Nora	3	6 0	305	31,741	3 5	1113
Bev	3	3 2	305	26,413	3 8	1006
Cora	3	3 3	305	22,898	3 9	888
Chester Hills Farm						
W203	3	6 8	305	21,814	5 0	1098
W274	3	5 0	305	23 291	3 4	802
Vernon Guest & Son						
Clara	3	6-6	305	24,381	4 4	1070
Corrine	3	3 5	305	21,213	3 9	820
Dunwood Farm						
Lily	3	7 3	305	29 943	3 5	1041
Star ET	3	4 10	305	21,520	4 0	870
Ardrossan Farms						
C Betty	1	11 6	305	28,066	3 7	1025
P Noted	1	8 2	305	23,697	4 2	986
B Eye	1	4 10	305	18,085	4 7	845
Snochld	1	5 0	305	20,316	4 1	840
Sroslee	1	10 4	305	21,280	3 9	827
Charlet	1	7 7	305	21,836	3 7	816

Harold J Ranck						
Regal	3	5 3	305	24 371	4 1	1003
Willowland Farm						
Snowete	3	3 0	305	25,735	3 8	989
Bright Meadows						
30	3	5 2	295	22 275	4 4	976
Swan View						
Joy	3	7 2	305	26,975	3 6	968
Nedra	3	3 9	305	23 294	3 9	914
Spring Aqua Farm						
165	2	6 3	305	25 173	3 8	964
37	3	4 4	305	25 803	3 2	832
Wilmer L Hostetter						
Sue	3	3 5	305	22,412	4 3	963
Glory	3	4 5	305	22,555	3 9	875
Marilyn	3	4 4	305	24,749	3 4	834
Venus	3	4 3	305	23,166	3 6	825
Dot	3	4 5	305	24,476	3 3	808
Donald Hostetter Jr						
Ivory	3	5 5	305	25,706	3 7	962
Marian	3	6 3	305	23,986	3 7	896
Betty 34	3	4 1	305	21,928	3 9	864
Deb 50	3	4 3	305	18,817	4 4	832
Sally	3	6 7	305	22,058	3 7	821
Kenneth Umble						
Elmira	3	5 11	305	26,407	3 6	960
Dixie	3	7 2	305	24,480	3 6	889
Rosanna	3	6 9	305	26,083	3 4	886
Arthur D Hershey						
Nora 33	3	4 11	305	25,074	3 8	955
Robert E Pepple						
70	3	5 5	297	20 003	4 8	953
7	3	4 5	305	19,600	4 3	839
86	3	5-4	305	25,530	3 2	805
Hargret Dairy Inc						
103	3	8 2	305	24,221	3 9	950
041	3	3 6	305	25,674	3 6	919
H & R Mason						
182	3	3 2	305	26,153	3 6	949
133	3	4 4	305	23,322	3 7	872
Glen H Freese						
Marie44	3	4 3	302	24 914	3 8	946
Daniel M Stoltzfus						
Alta	3	5 3	305	21 593	4 3	933
George Strutynski						
228	3	8 6	305	20 779	4 4	921
62	3	7 2	305	21,962	3 9	846
Jonas B Stoltzfus						
Greta	3	6 6	305	25,975	3 5	918
Brook	3	3 5	305	27 195	3 3	889
Elmer A Mast						
Jen 96	3	3 1	305	24 167	3 8	917

(Turn to Page E10)

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For more information contact, Bio Techniques Laboratories, Inc., 15555 N.E. 33rd Bio Tech Road, Redmond, WA 98052.

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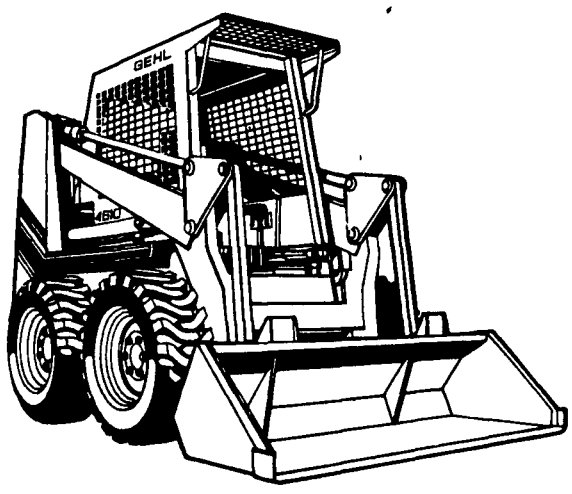

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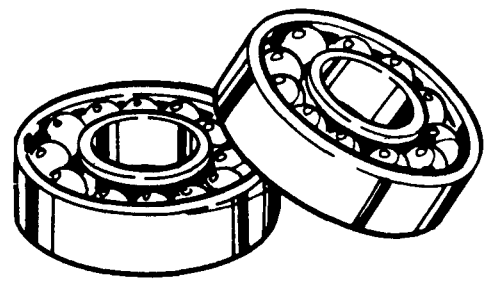

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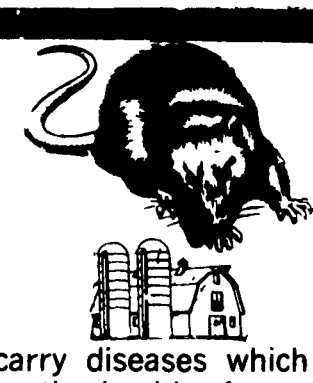

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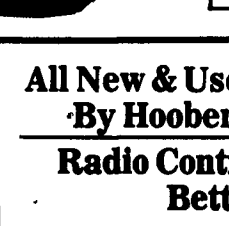
(Continued from Page E9)

Hanan 12	3	11-7	305	19,712	4 5	888
Attie 7	3	5-3	305	21,192	3 8	804
Jenny 13	3	8-1	305	20,440	3 9	803
Mast Stoltzfus						
Diane	3	8-6	305	22,771	4 0	914
George P Lamborn						
Adeline	3	5-7	305	28,722	3 2	912
Walmoore #3						
140	3	3-9	303	23,158	3 9	911
Daniel R Stoltzfus						
Orla	3	5-1	305	23,372	3 9	903
Breck-A-De Farm						
93	3	3-4	305	24,025	3 7	896
50	3	4-6	305	22,526	3 8	862
Merle J King						
Flavor	3	6 7	305	22,545	4 0	894
Lucy	3	7-8	305	19,373	4 3	841
Frolick	3	6-7	305	22,916	3 6	815
Elenor	3	4-0	283	21,143	3 8	806
Donald M Horning						
Moni 112	3	4-2	305	25,554	3 5	890
Charles J Moore						
Skunk 21	3	6-10	305	22,549	3 9	883
Jesse E Lair						
Rosalyn	3	4-8	305	26,566	3 3	879
Herman Stoltzfus						
Fuzzy 47	3	6-5	305	22,061	4 0	873
Kulp Bros						
186	3	8-4	298	21,713	4 0	873
19	3	3-5	305	20,126	4 1	823
226	3	7-2	305	20,244	4 1	821
Lester Eby						
Violet	3	4 7	305	24,745	3 5	871
Benjamin K Kauffman						
Spot	3	6 3	305	25,506	3 4	870
Ethel	3	5-4	305	21,796	4 0	863
Ridglea Farm						
154	3	4 1	305	19 878	4 4	870
141	3	4 5	305	23,261	3 7	852
202	3	3-0	299	20,104	4 1	822
Jefferson D Yoder						
15	3	4 1	305	20,319	4 3	868
47	3	3-5	305	21,206	4 0	844
65	3	5-5	301	21,689	3 7	810
Dale Hostetter						
Vickie	3	6-9	305	25,892	3 3	865
A Dudley & Son						
Honesty	3	3-4	305	21,460	4 0	859
Landhope Farms						
27	3	2-0	305	20,087	4 3	856
93	3	4 4	305	21,857	3 7	819
Mrs John B Hannum 3D						
226	3	5-11	305	23,333	3 7	855
278	3	4 4	305	22,768	3 5	805
Joel C Brown						
1023	3	4-5	305	25,929	3 3	851
1029	3	4 4	297	20,437	4 0	820
Kenneth J Roberts						
638	3	7-5	305	18,694	4 5	848
Parry Bros						
778	3	6-2	305	22,210	3 8	844
915	3	3-4	305	22,046	3 8	842
772	3	5-8	305	19,479	4 2	825
Gideon Stoltzfus Jr						
Echo	3	5 9	305	24,297	3 5	842
Elevator	3	11 1	305	19,743	4 1	805
Thomas C Kearns						
Elle	3	5-2	274	21,787	3 9	841
David Walton						
Georget	3	9 3	270	21,382	3 9	841
Dandy	3	7 6	305	22,218	3 8	836
Round Top Farm						
94	3	3-3	305	22,613	3 7	836
11	3	6-11	305	27,553	3 0	818
40	3	3-7	305	24,924	3 3	818
J Elvin Ranck						
Pretty	3	3-1	305	20,015	4 2	835
Harold R Kulp						
Probe	3	5-2	305	22,756	3 7	834
Dorothy	3	3-11	305	25,898	3 1	815
Pei-Valley Farm						
6	3	5-0	305	23,557	3 5	830
Gottleib Strohmaier						
112	3	6-2	305	19,039	4 4	829
Rothenberger Bros						
6	3	3-1	305	19,287	4 3	823
43	3	3-1	305	21,480	3 8	811
Richard Proud & Son						
B82	3	4-4	305	18,164	4 5	823
David & Dawn Windle						
Kate	3	7 0	305	21,166	3 9	817
Wilkinson Farm #1						
DS6997	3		305	24,134	3 4	811
Timberview Farm						
Smokey	3	9-5	305	19,043	4 3	811
Smokstr	3	6-6	305	20,809	3 9	805
Joseph Lusby						
Kathen	3	2-1	305	19,838	4 1	810
279	3	2 11	305	23,186	3 5	806
Calvin S Kurtz						
35	3		305	19,580	4 1	810
Richard Hostetter						
82	3	3 6	305	19,399	4 2	809
Walton Bros						
Comet	3	10 0	305	21 401	3 8	808
Leon D Kurtz						
E Holly	3	5 3	305	23,820	3 4	805
Jill 50	3	3 6	305	21,659	3 7	802
Holly	3	7 3	305	24 637	3 3	801

Potter Co. DHIA

POTTER COUNTY DHIA
November, 1985

Ivan Kibbe Jr	RH	91 6	91 8	19,964	804
Ivan Smoker&Sons	RH	105 4	86 8	20,429	773
Snyder Farms	RH	40 1	88 6	20,232	731
Jack Thomas Sr	MX	55 2	87 9	19,109	725
Robert Francis	RH	41 1	82 6	18,822	724
George Barker	RH	60 6	84 8	18,458	715
Carl Erway Farm	GH	105 4	85 6	17,902	698
Jack Knowlton	RH	60 6	87 3	19,886	686
Jay Heisey	RH	73 4	87 6	18,270	685
Alvin Miller&Son	RH	86 9	89 3	17,077	684
R-Own Farms	R&GH	67 7	84 9	18,945	683
Guy Dunn	RH	55 2	88 5	18,041	680
John C Traub	R&GH	42 5	87 6	18,070	674
Dale Hoffman	R&GH	71 2	88 4	19,801	665
John H Lehman	RH	82 9	88 9	16,714	651
R-Own Farms					
Maude	H	7-11	284	19,727	3 9	774
Cheva	H	4-02	305	26,202	3 8	984
Floyd Long						
Milly	H	5 10	298	18,583	4 2	782
Guy Dunn						
Lanny	H	5 05	305	23,787	3 7	874
Jack Knowlton						
Ida	H	7-00	305	23,303	3 2	751
Dottie	H	5-01	305	23,454	3 8	902
Oak	H	4-03	305	23,562	3 5	820
Alvin Miller & Son						
#265	H	7-10	305	21,088	3 9	827
#107	H	3-04	305	20,890	3 7	766
George Barker						
Beauty	H	4-09	298	23,212	3 6	846
Ivan Smoker & Sons						
Genie	H	5-08	305	27,143	3 6	979
Design	H	5-00	305	23,968	3 5	837
Eclipse	H	5-00	305	29,946	3 1	943
Content	H	5-01	295	19,860	3 9	773
Grace	H	4-04	305	23,967	3 7	885
Elan	H	4-03	305	20,953	3 8	795
Sharon	H	3-04	304	18,388	4 3	789
Chloris	H	2-09	305	18,560	4 3	792
April	H	2-08	305	19,051	4 0	768
Judy W Breeden						
#76	H	5-08	305	18,201	4 3	776
Carl Erway Farm						
#71	H	5-07	304	20,926	3 6	757
#7	H	5-02	305	20,106	4 0	806
#3	H	4-11	305	19,894	4 3	846
#21	H	3-11	305	18,841	4 6	874
#55	H	3-05	305	22,529	4 3	979
Robert Francis						
Mel	H	7 00	288	21,982	3 6	797
Dale Hoffman						
Jamie	H	6 01	305	25,477	3 3	848
John C Traub						
Polly	H	8-06	305	19,320	4 0	766
Specks	H	5-02	305	20,833	3 9	805
John H Lehman						
Nora	H	5-08	305	17,642	4 9	867
Evie	H	3-10	305	16,142	4 8	767
Pepper	H	3 03	305	19,911	3 8	755
Kevin Risser						
Beauty	H	3 10	272	18,902	4 1	778
James Cady						
#23	H	5 09	305	23,202	3 8	875
Gene&Phyllis Thompson						
#32	H	4-03	305	24,535	3 3	817
#81	H	4-07	305	21,676	3 8	826
Fred Risser						
Pam	H	6-06	305	19,032	4 1	771
Dana Erway						
Beth	H	8 11	305	22,529	3 4	772



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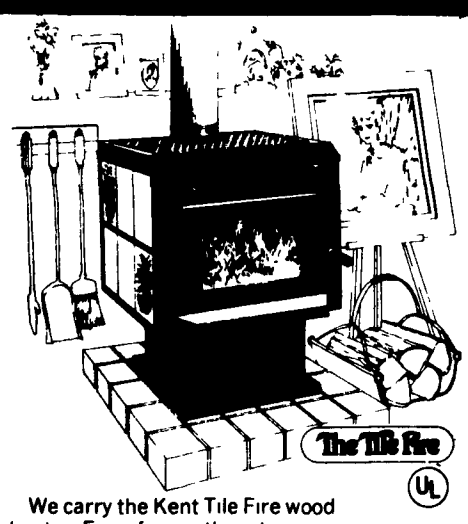

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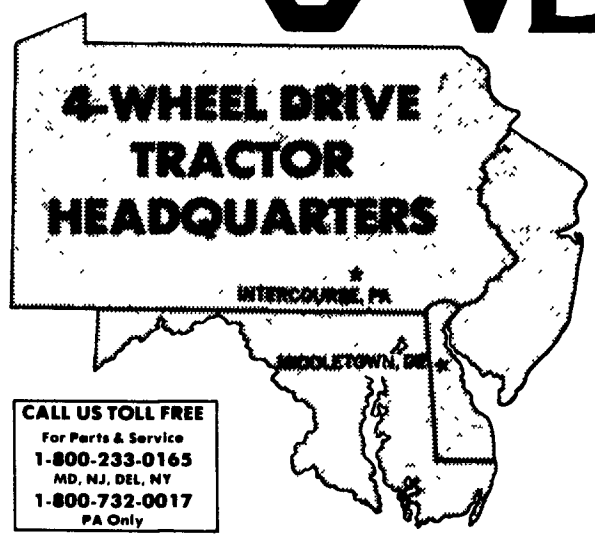

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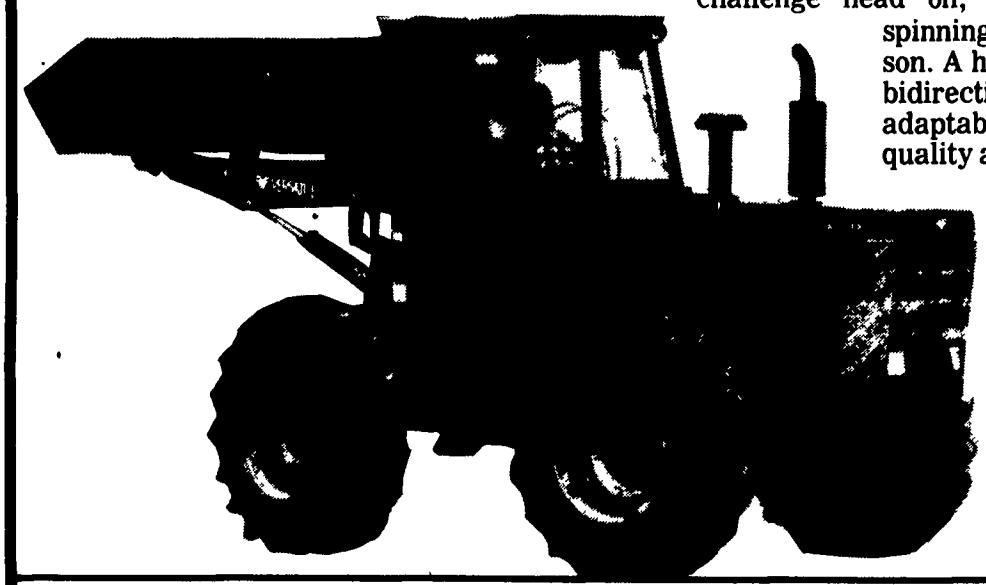

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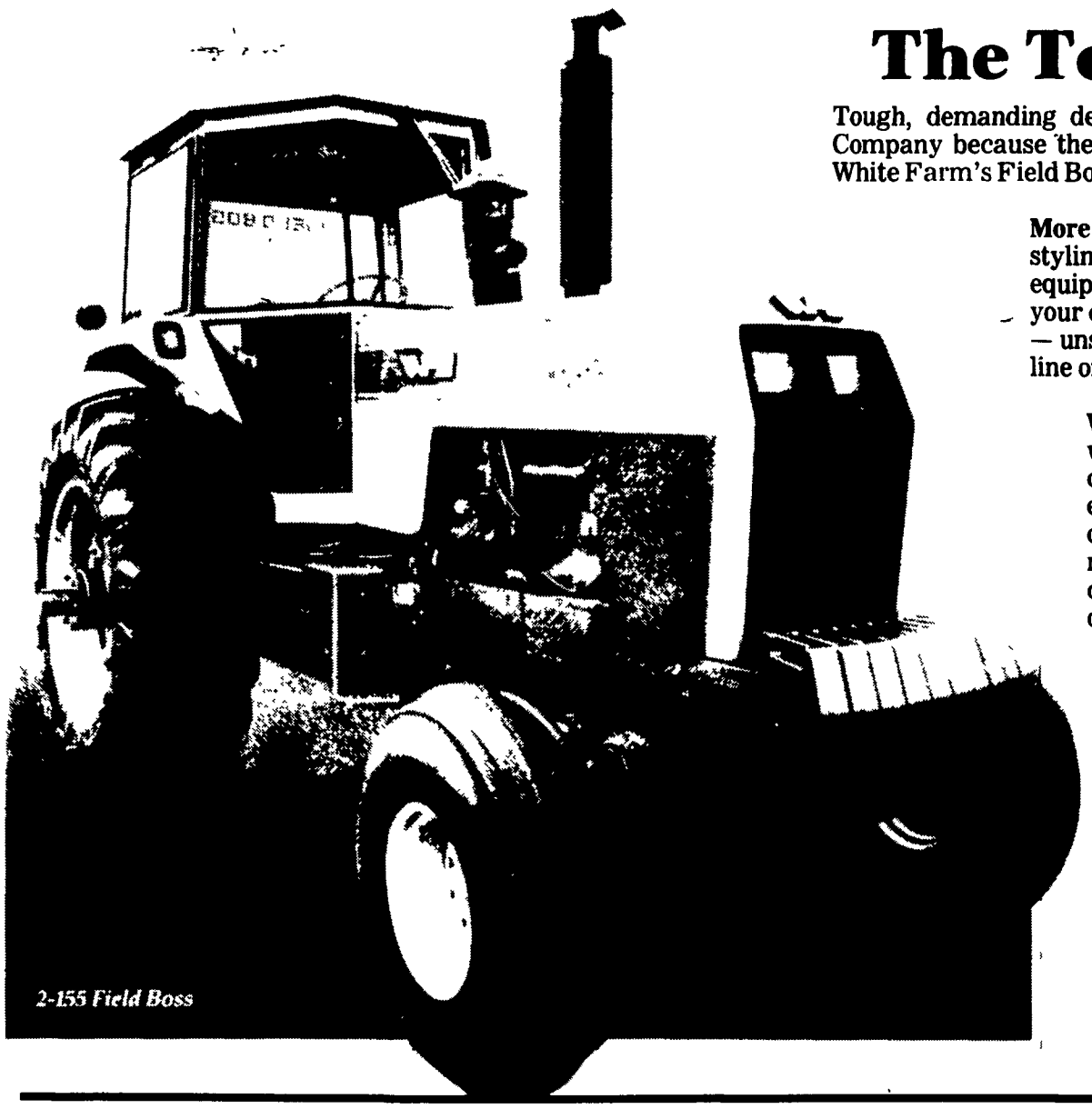

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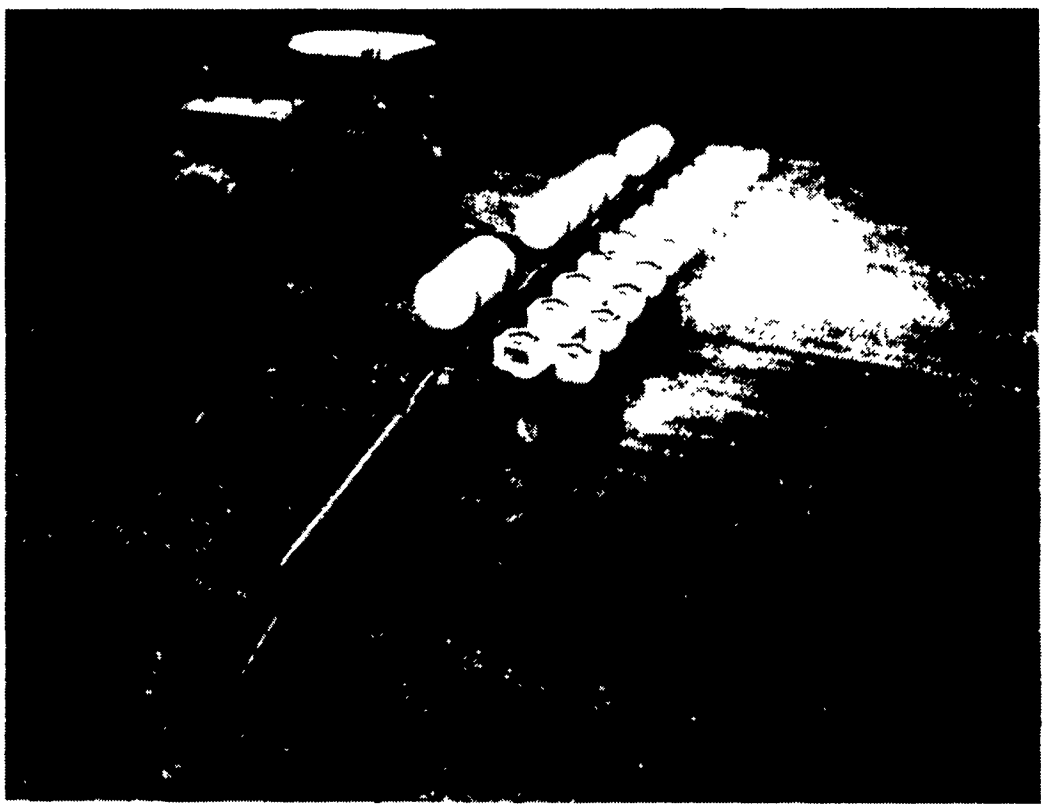

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Apple industry adjusts to markets of future

UNIVERSITY PARK – Every American knows something about apples. Apples appear not only on our shelves and in our refrigerators, but also in songs, poems, legends, and everyday speech. Who does not know the tales of William Tell and Johnny Appleseed? Who has not heard the expressions "The apple of my eye" and "An apple a day keeps the doctor away"? America's love for apples goes back many decades. But apples today are not at all like those grown years ago.

One can only wonder what kinds of apples the early American settlers found along Johnny Appleseed's path. To be sure, they must have witnessed some odd-looking harvests. More than likely, much of the fruit was afflicted with fungal growths and insect infestations. Apples were probably small, too, since fruit was not thinned nor trees pruned as they are now.

Today, apple growers do not plant seeds, Instead, they grow apples from transplanted trees, which are produced by grafting a small part of a branch or bud onto a living root system. The new, young tree has a bearing surface genetically identical to that of its "parent" and produces identical fruit. Thus, grafting ensures that the desirable characteristics of a variety are transmitted from one generation of trees to the next.

Adjusting To Consumer Needs

Most changes in apple production and marketing have occurred in response to changes in consumer demand for apples and apple products. As a result, the apple industry is better able to give consumers the kind of fruit they want, when and where they want it.

Developments in storage, tarnsportation, and growing techniques have enabled producers and marketers to adjust to changing consumer needs. While the adjustment process is slow overall, growers can change minor characteristics of their orchards relatively quickly. Major changes, however, generally require new plantings, which do not bear fruit for four to six years. Fortunately, consumption patterns are also slow to change, so growers usually have enough time to adjust.

Trends in Fruit Consumption

Per-capita consumption of fruit has been slowly increasing for a number of years. In the period, 1980-83, consumption was about 225 pounds, up 20 pounds (10 percent) from 1970-74. Possible reasons for the increase include the changing lifestyles and age distribution of our population, higher average incomes, and greater awareness of the importance of fruits and vegetables to a well-balanced diet.

Nearly all of the increase in per-capita fruit usage since the mid-1970s has been in fresh, noncitrus fruits, especially apples. Apples now comprise about 20 percent of all fresh-fruit sales in the United States. Much of the growth in fresh-apple consumption is attributable to the wider use of specialized controlled-atmosphere storages. These storages maintain fruit in a nearly fresh-picked condition for several months, offering consumers fairly large volumes of high-quality fruit in the late spring and summer.

Table 1 shows recent trends in consumption of apples and apple products. Since the mid-1970s, the popularity of apple juice has skyrocketed. In contrast, per-capita use of frozen slices has held nearly constant, and consumption of dried apples, canned slices, and canned sauce has dropped. While frozen apple slices and dried apples offer comparatively few sales opportunities for apple growers nationally, canned apple slices and apple sauce provide extremely important markets. The drop in consumption of canned slices and sauce is particularly worrisome to commercial growers in New York, Michigan, and the Appalachian-Region states of Pennsylvania, Maryland, Delaware, West Virginia, Virginia, and North

(Turn to Page E13)

Table 1 Annual per-capita consumption of apples and apple products (in lbs)

Period	Fresh apples	Canned apple juice	Canned slices and sauce*	Dried apples	Frozen slices	Total
1970 74	16 4	2 73	3 5	0 53	0 10	23 26
1975 79	17 6	3 81	2 6	0 40	0 13	24 54
1980 83	18 1	6 74	2 2	0 37	0 12	27 53

*Figures in this column are not directly comparable because sample sizes for the three periods differ

Table 2. Fruit produced annually in the U.S. (average of 1981-83)

Fruit	Tons
Oranges	8,119
Grapes	5,200
Apples	3 998
Grapefruit lemons limes, tangelos, tangerines	4 016
Other noncitrus	4 212

Table 3 Apple production in selected states, the Appalachian region, and the U.S. (millions of 42-lb. boxes)

Period	Michigan	New York	Washington	Appalachian Region	United States
1970 74	15 7	21 1	36 4	35 0	150
1975 79	16 0	23 1	54 1	35 6	173
1980 84	19 5	24 7	67 9	38 2	197

Table 4 Selected characteristics of the Pennsylvania apple industry

Characteristic	1972	1982	Difference
Number of growers	715	684	31
Number of large growers (at least 2,500 trees)	170	176	+ 6
Percent of apples produced by large growers	77	85	+ 8
Number of acres in apples	34 601	31 072	3 529
Number of apple trees	1 815 608	2 160,471	+ 344 863
Varieties (% of all apple trees)			
Red Delicious	23	29	+ 6
York	22	17	4
Golden Delicious	16	16	
Stayman	11	8	3
Rome	11	12	+ 1
Other	17	18	+ 1

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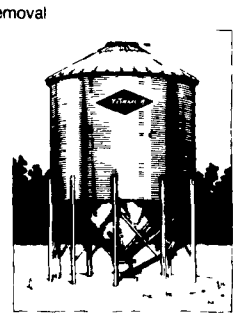

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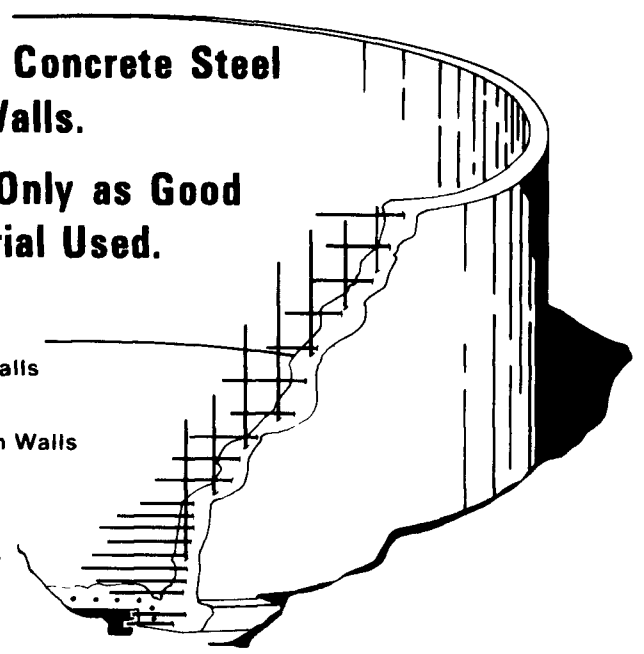

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Apple industry adjusts

(Continued from Page E12)

Carolina. In Pennsylvania, about 40 percent of all apples grown are sold to processors of canned slices and sauce.

The declining use of canned slices and sauce has been partially offset by population growth. As the population has increased, the demand for these products has required about the same quantity of apples. However, if consumption declines much further, growers will probably be unable to sell the same quantity to processors of canned slices and sauce. Many of the varieties produced for sauce or slices are considered low quality for the fresh-apple market. As a result, peeler apples marketed fresh must often be sold at prices substantially lower than those of the premium fresh-market varieties. Moreover, growers typically receive lower prices for juice apples than for fresh or peeler apples. In short, growers of peeler apples face both a shrinking existing market and weak alternative markets.

The International Market

Although U.S. apple growers are concerned about the drop in consumption of some apple products, they are also enjoying greater sales opportunities on the international market. At the same time, our domestic fresh-apple market is being tapped by foreign growers, particularly those in the southern hemisphere, who harvest their crop during our spring. Sales to countries in the Pacific account for most of the growth in U.S. exports of fresh-market apples. Exports are made to many other areas as well, including Scandinavia and the Middle East. Apple packers, together with state departments of agriculture, have worked hard to promote exports of fresh and processed apples.

The role of apple juice in international trade and its impact on the U.S. apple industry is interesting and, to some, alarming. Substantial volumes of concentrated apple juice have been imported into the United States during the last few years. In fact, we now import more apple juice than we produce from domestically grown apples. Countries of western Europe and the southern hemisphere are the biggest sellers in the U.S. market.

The recent surge in exports of apple juice to the United States has been attributed to the strength and stability of our currency. Some countries, it is argued, need a sound currency to pay off their international debts. Others, because of the strength of our dollar as compared with their own currencies, find that they reap greater profits by selling apple juice to America than they would by selling it at home. If this is the case, then imports of foreign-made apple juice will likely decrease when the dollar weakens. In the meantime, U.S. apple growers tend to view imports of concentrated juice as price depressors in the domestic market. They are no doubt right; they probably would get higher returns if imports were reduced. Domestic producers will enjoy a much stronger market for their juice apples if and when America becomes a less attractive place for foreign producers.

While considered troublesome by some, the influx of foreign-made juice may actually be a blessing in disguise. In fact, it may have helped to develop a much larger market for apple juice than would have existed had the United States depended solely on domestic supplies. The current volume of canned apple juice is large enough to require a generous allocation of shelf space in virtually every supermarket. Most supermarkets carry frozen concentrated apple juice in frozen food cases, cider in produce departments, and apple juice in dairy cases. Consumers attracted by the increased visibility and convenience of apple juice are buying more of it.

Changing Markets

The market for the American

(Turn to Page E14)

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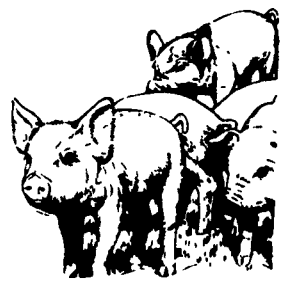

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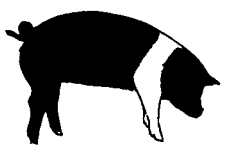

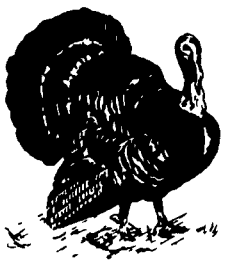

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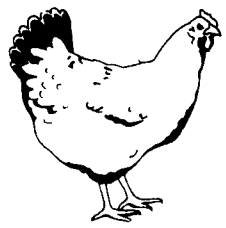

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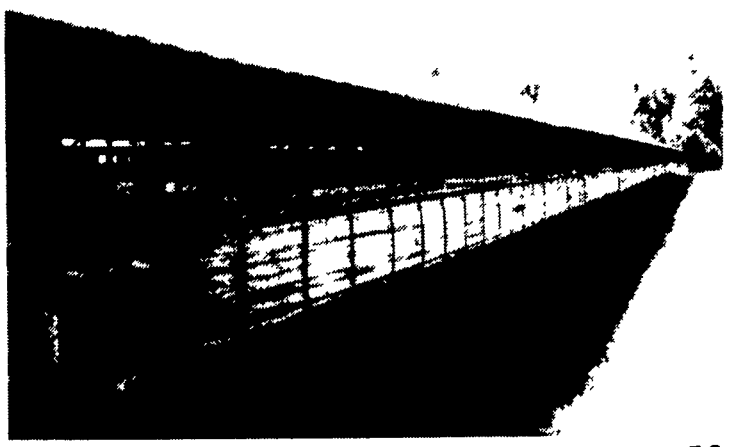

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Apple industry adjusts

(Continued from Page E13)

apple grower's fruit has changed considerably over the last 15 years. A continuation of the trends in domestic consumption and international trade would have varying effects on U.S. growers.

Growers of fresh-market varieties would be producing for an expanding, higher priced market and therefore would tend to produce more apples. They would then have a larger volume of cull apples which they could divert to the growing canned-juice market. In contrast, growers producing primarily for the canning market would be facing a shrinking market and lower prices due to unprofitable alternative outlets. These growers could be forced to change production practices or varieties to meet the requirements of the more profitable markets.

Growers sometimes recognize opportunities long before they appear as a trend in statistical data. A few years of lower prices or restricted deliveries of processing apples, accompanied by lower gross returns per unit, can encourage changes. Growers commonly make these changes by planting different varieties when they expand orchard acreage or replace old orchards.

Trends in Apple Production

Apples comprised nearly 16 percent of the tonnage of all fruit grown in this country during the early 1980s (Table 2). While some commercial production is reported in the majority of states, most is concentrated in nine states (Table 3). Michigan, New York, Washington, and the six states of the Appalachian Region produced about three-fourths of all U.S.-grown apples in 1980-84.

These states are collectively increasing their share of national production. They accounted for 72 percent in 1970-74, 74 percent in 1975-79, and 76 percent during the last five years.

From the early 1970s through the early 1980s, total U.S. apple production increased about 30 percent. A 10 percent growth in population during that period, coupled with an 18 percent increase in per-capita consumption, accounted for use of nearly all the increased supply. In Washington, where production is fresh-market oriented, apple production increased 87 percent during the period, while the remaining states averaged only a 13.6 percent increase. Of the major apple-producing states, New York, Michigan, and Washington enjoyed the highest rates of growth.

Apple production in the Appalachian Region has not increased as rapidly as it has in the other major producing states. Among the six states in the region, only North Carolina has significantly increased production since the early 1970s. A number of reasons may explain why the region has not kept pace with the rest of the industry. The climate may not be as favorable for the production of fresh-market apples as it is in other regions. Or perhaps the region's resources can be used more profitably in other kinds of businesses. A more probable explanation, though, is that the Appalchian Region simply has not had enough time to adjust to recent market changes because it is an old production area. Adjustment is much faster and easier when production is in an expansion phase. Washington, for example, has increased output by expanding acreage and incorporating new production techniques.

Evidence of change in response to market forces is slowly beginning to appear in the Appalachian Region. The 1972 and 1982 surveys of Pennsylvania orchards and vineyards reveal some changes in the apple industry during that decade (Table 4). Growers have been expanding their potential for fresh-market production by planting more fresh-market varieties like Delicious. In addition, the number of growers and acreages of apples continue to decline, and the average number of trees per acre continues to increase. Because these higher-density plantings require smaller trees, 43 percent of all commercial apple trees today are dwarf, semidwarf, or trellised, compared with only 25 percent in 1972.

Larger growers are still increasing their share of total output. About 175 large orchardists are responsible for the bulk of apple production in Pennsylvania. The remaining group, more than 500 growers, accounts for only 15 percent of Pennsylvania's annual production. Many of these small growers and some of the large ones, too, produce for direct-marketing outlets such as roadside stands and farmers markets where apples are sold fresh and as cider.

Pennsylvania apple growers appear to be making market-directed adjustments in production by shifting emphasis slightly from processing varieties to fresh-market varieties. However, judging from the quantity of recent plantings of York (primarily a processing variety), there is still a fair degree of grower optimism about the peeler market.

Growers are getting larger and adopting new planting systems in the hope of increasing efficiency and enhancing the quality of apples grown. As more and more of the adjustment process is completed, the Appalachian Region may find it is able to hold and even increase its portion of the market.

Full haytool line offered

COLDWATER, Oh. – New Idea Farm Equipment Division, headquartered in Coldwater, Ohio, offers a complete haytool line.

The line includes two models of Sickle Bar Mowers available with either a trailing hitch or a 3 point hitch assembly. Both mower models are offered in 7 ft. or 9 ft. cutting widths.

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All Mower Conditioner models feature precision machined, intermeshing conditioning rolls for uniform crop conditioning and a unique vertical and lateral float for closely following ground contour.

The model 565 Square Balers produce tight, uniform bales. Construction features include high speed packer fingers, tungsten carbide knives and a 65 inch wide hay pickup.

Two Pull-Type Forage Harvesters, Models 660 and 680 feature an 18 inch diameter cutterhead and can be equipped with either a 72 or 92 inch low profile hay pickup. Row crop heads (3-row for the Model 680), 2-row crop heads and 2-row ear corn heads are also available for the Forage Harvesters.

A choice of belt driven or hydraulic driven Rakes, in 8½ or 9½ ft. sizes are available. The hydraulic drive rakes double as a hay tedder to gently lift and fluff hay with minimal leaf loss.

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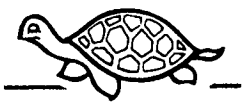

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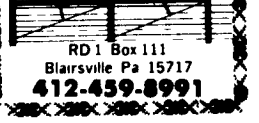

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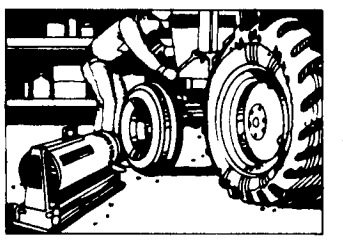

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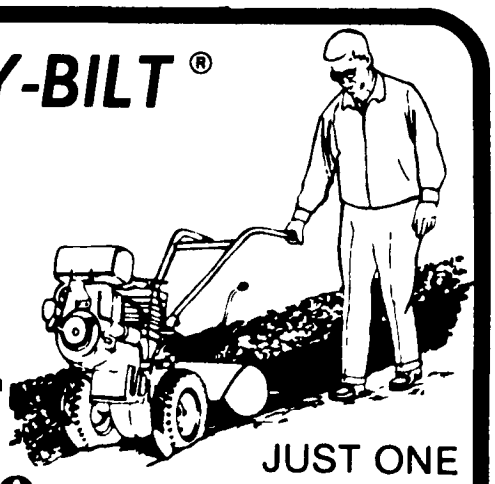

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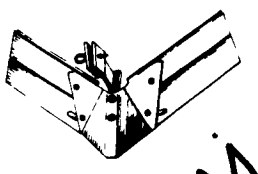

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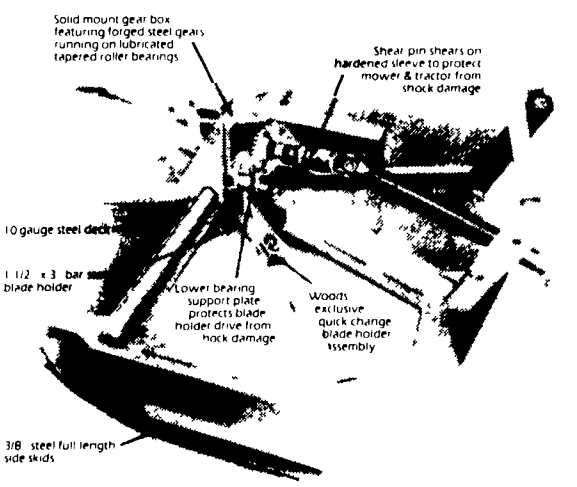
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Adams County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

ADAMS COUNTY DHIA
November, 1985

Milton R Hoffman	3	43 3	86 2	18,943	713
Kling Ayr Farms	3	37 8	88 7	18,682	702
Kit-Way Farm	3	69 0	87 6	18,266	684
Roy A Weaner Jr	B3	55 4	85 9	17,984	682
Ray Dutterer	G3	67 5	87 2	17,641	681
Wayne H Rodgers	B3	93 3	85 4	18,184	673
Brown Valley Farm	3	75 5	88 1	19,206	669
Leroy Deputy	B3	132 5	85 8	17,454	665
Yelow-Buttercup Farm	3	145 1	89 5	17,863	662
Stoner Bros Dairy	G3	74 4	90 3	18,453	646
Adam F Lobaugh	3	41 0	89 1	17,258	646
Penn Gate Farm	3	72 2	84 1	17,292	636
Lagging Stream Farm	B3	117 5	84 5	16,230	628
Rinker Bros	G8	39 6	85 6	16,672	626
Leroy Basehoar	B3	67 6	84 6	15,645	623
Home Side Acres	B3	49 4	78 9	16,639	620
Weim Sharr Farms	3	71 6	89 1	19,109	616
M J Starner & Sons	B3	133 6	84 5	15,627	615
Donald Todt	B3	56 5	87 3	17,353	613
Kehr Acres	3	79 3	84 7	16,221	607
Ber Crk	8	64 1	83 9	16,482	603
George I Lauchman	B8	40 0	83 4	17,111	601
Robert Cunningham	B3	48 1	87 6	15,457	599
Zeppdale Farms	B3	119 2	87 9	17,130	592
Kraybill Miller	B3	40 1	89 6	15,323	591
Way Brite Farms	B3	131 3	86 7	15,496	590
M R & C S Durboraw	3	62 8	87 3	15,749	589
Fred-ChrisMcGillvray	B3	59 4	82 3	17,033	583
J Howard Stiles	4	40 9	86 7	11,623	582
Robel Acres	3	81 2	88 0	16,036	582
Pennstead Farm	B3	43 3	88 0	14 665	582
M J Roche	B3	31 0	91 3	15,454	579
Robert C Hoffman	3	24 6	86 7	15,822	579
Larry Holtzinger	B3	46 3	85 7	15,627	577
Bowlder Valley	B3	64 2	91 9	15,299	576
Frank Ludwig	B3	32 7	90 5	14,932	573
Piney Lane Guernseys	2	57 1	87 3	12,015	568
Richard K Herr	B3	139 5	85 8	15,970	568
John J Hess	B3	150 2	84 8	15,245	558
Buttonwood Farms	3	135 6	87 6	14,824	553
Getty Acres	B8	187 2	84 6	16,130	547
Roger L Sprague	B3	55 8	86 3	14 851	544
Robert L Rohrbaugh	B8	64 0	80 2	14 320	541
Grove Bros	B3	84 5	80 8	15 586	530
Hubert R Brown Sr	B3	54 8	87 2	14,011	523
Knud A Hermansen	B3	86 8	80 3	14,529	516
Robert& Linda Meyers	B3	84 6	86 0	13 641	509
Pleasant Acres	B3	64 0	84 6	13,235	508
Richard Mills	B3	57 4	88 4	12 691	504
Oscar E Mehring	B8	32 7	89 9	13 038	501
Shamrock Farm	B3	67 2	88 5	13 308	485
Green Manor Jerseys	4	51 9	86 3	10 128	482
H & W Farms	B3	62 4	78 9	12 172	474
Rhodes Enterprises	B3	75 4	77 3	12,203	465
Grn Manor Guernseys	2	11 8	84 5	9,759	464
James E Miller	B2	37 6	84 2	10,514	461
Terrence P Murren	2	51 4	79 1	9 282	428
Glenn & Janet Lippy	B3	95 6	87 8	10 690	411
James C Behney	B3	38 7	86 3	11 001	371

Stoner Bros Dairy						
-90	3	5 04	305	24 973	3 4	859
Brown Valley Farm						
Alma	3	5 05	305	27 525	3 3	914
Vonnie	3	4-04	305	26,561	3 6	956
Daina	3	3 10	305	20,921	4 3	893
Penn Gate Farm						
Flashie	3	5-09	305	26,716	4 1	1103
Tiffany	3	5-07	305	23,514	3 2	748
Thelma	3	3 11	305	22 255	3 9	875
Adam F Lobaugh						
Starlet	3	6 02	305	20,104	3 7	746
Ipha	3	6 07	305	20 462	3 6	740
Enoma	3	5 05	305	19 014	4 0	757
Piney Lane Guernseys						
Podann	2	6 09	305	16 224	5 5	900
M R & C S Durboraw						
C 29C	3	7 04	305	20 748	4 1	847
C 122C	3	3 05	299	18 051	4 0	714
M J Starner & Sons						
BS 296	3	4 11	305	18 074	3 9	702
18	3	4 06	305	19,382	4 2	815
BS 308	3	3 04	301	17,314	4 4	754
Leroy Basehoar						
15	3	3-05	305	21,627	3 6	771
Donald Todt						
68	3	5 01	305	22,088	3 6	793
Kraybill Miller						
Betty	3	9-07	305	18,510	4 0	751
Lily	3	6-05	305	20,342	3 8	768
Deb	3	6-01	305	16,801	4 4	731
Kling Ayr Farms						
Hattie	3	9-09	305	22,622	3 6	825
Lanie	3	6-00	305	25,998	3 1	806
Roy A Weaner Jr						
47	3	3-06	305	19,132	3 9	755
Lagging Stream Farm						
Grove	3	7-08	305	19,198	3 7	705
Treasa	3	7-02	305	18,398	4 0	737
Jessie	3	5-08	305	20,492	3 9	798
Ramona	3	4-03	305	19,747	3 6	713
Kehr Acres						
166	3	3 03	280	19,832	3 7	730
Kit-Way Farm						
Quality	3	6 07	305	21,431	3 6	767
Canella	3	5 11	305	25,050	3 7	921
Jenny	3	3 07	305	18,311	4 2	764
Marcey	3	4 03	305	23,385	3 5	823
Light	3	3 03	305	22,964	3 8	872
Lark	3	3 03	305	19,409	3 7	712
Hope	3	4-06	258	18,603	4 5	834
Tonyrae	3	2 09	305	1 988	3 6	712
Wayne H Rodgers						
Gean	3	10 06	305	17 426	4 5	786
Blondie	3	10 05	305	18,630	4 3	810
52	3	5 08	305	20,446	3 7	750
Roger L Sprague						
Motley	3	5 07	305	21 319	3 6	758
Pleasant Acres						
10	3	5 04	305	17 172	4 3	740
Weim Sharr Farms						
91	3	8 04	305	25 474	2 8	702
96	3	5 05	305	23,345	3 2	746
145	3	4-05	305	22,965	3 2	735
136	3	3-09	305	26,210	2 7	701
36	3	2-02	305	22,020	3 8	843
18	3	3-03	305	22,211	3 4	760
Robert Cunningham						
Becky	3	6 06	305	18,583	3 8	700
Leroy Deputy						
Rita	3	8 02	305	20,609	4 1	839
Mina	3	7 10	305	19,584	3 9	761
Getty Acres						
313	3	6 07	305	19,382	3 6	700
Robert L Rohrbaugh						
10	3	4 05	305	17,211	4 7	803
Zeppdale Farms						
184	3	3 03	305	17,960	4 0	726
182	3	3 05	305	20,036	3 6	729
116	3	2 11	305	21,519	3 5	757
Rhodes Enterprises						
122	3	3 05	305	21,982	3 5	775
Ber Crk						
Mildew	3	4 10	305	21,219	4 1	861
Home Side Acres						
Trouble	3	4 11	305	24,546	4 1	1006
Milton R Hoffman						
18	3	7-05	298	20,140	4 8	969
44	3	4-04	305	23,057	3 7	853
10	3	3-04	305	18,896	4 7	881
Robert C Hoffman						
Ellen	3	5-00	305	19,839	3 7	731
Knud A Hermansen						
100	3	5-02	305	24,036	3 1	755
166	3	8-08	305	20,716	3 5	719
Richard K Herr						
131	3	6-09	305	26,159	3 2	843
273	3	2-03	305	17,970	3 9	709
241	3	3-00	305	17,779	4 0	708

CECIL COUNTY DHIA
November, 1985

Following are the top ten herds for November 1985 in Cecil County participating in the DHI program. These results are based on a Fat Corrected Milk basis. FCM allows the comparison of milk production records, varying widely in percentage of butterfat and thus differing in energy values.

John B & Cammy Yurkanin	8	62 9	2 38	65 7
Pioneer Valley Farm	141	52 7	1 89	53 5
Locust Haven Farm	51	50 6	1 88	52 4
Zion Meadows	84	57 6	1 66	51 8
Long Green Farms Inc	138	49 5	1 87	51 7
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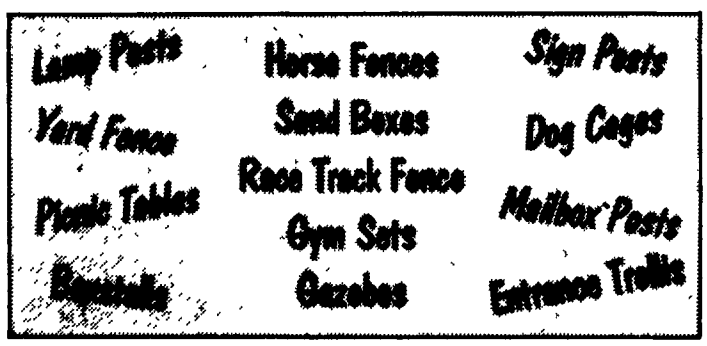

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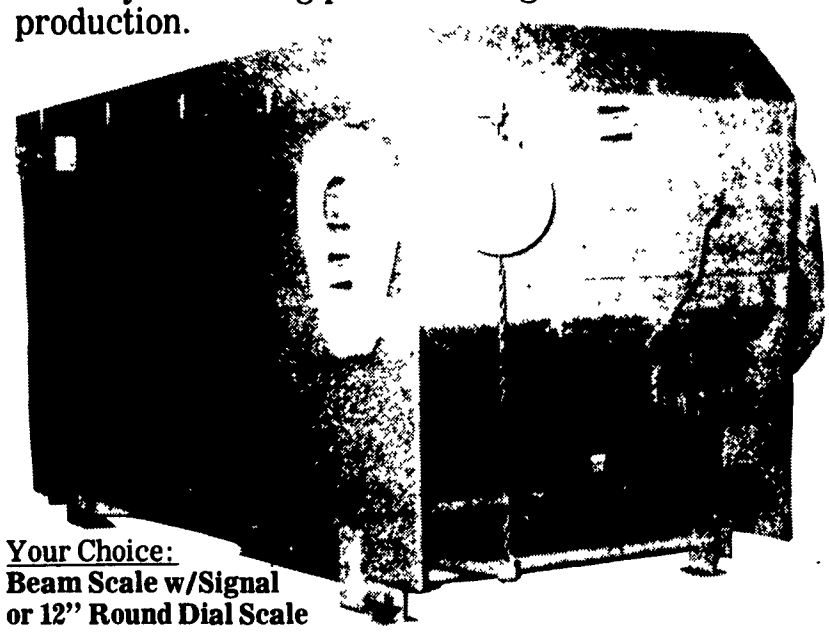

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Cu Ft Capacity MODEI	75	105	135	150	190	230
Bushel Capacity	60	82	108	120	152	184
Motor H P	3	3	3	5	5	5
Forages 20 Lbs per Cu Ft	1500#	2100#	2700#	3000#	3800#	4600#
Approx # Cows (TMR) Mix Twice Daily	36	45	55	62	82	100
Overall Width	48"	60"	60"	60"	73	73"
Height with Scales Approx	67"	67"	67"	76"	79	79"
Overall Length	96"	96	96	120"	120	144"
Discharge Height Without Chute	24"	24	24"	34"	34"	34"

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Poultry outlook for '86

COLLEGE PARK, MD – One might look at the U.S. meat production complex and ask "Why are broilers and turkeys faring so much better than beef and pork?" Various explanations are being offered, but no one explanation is the complete answer.

Over the past several years, a number of things have occurred. Americans have reputedly become more health-conscious and cut back on red meat consumption because of dietary health questions on meat and fat.

During the past year, red meat retailers have tended to set a "margin target" to be made regardless of demand and price. Poultry has benefited from the big health discussion.

But probably most important, the poultry industry has responded and catered to consumer desires on every level from fast food offerings to a wide ranging array of further-processed selections in the grocery store targeting time-pressed consumers.

Broilers

There have been record-large total meat supplies since 1983. A predicted reduction in red meat supplies during the first half of 1985 never materialized. The cheaper feed that enticed beef and pork producers to maintain production and withhold animals from market also encouraged higher broiler production.

Broiler production during 1984 was 5 percent higher than 1983, and production during 1985 will be about 5 percent higher than 1984. Cattle and hog prices remained depressed during most of 1985.

While a far cry from the 55-cent 1984 average price, broiler prices have averaged from 47 to 52 cents this year. In contrast to beef and pork producers, broiler firms generally covered their costs.

Despite decreases in hog and fed cattle members, there will still be plenty of red meat available, and that should continue to hold broiler prices in check.

Combined with an ever-increasing broiler production, these red meat supplies will probably keep broiler prices under 50 cents during the final quarter. The 1985 broiler price peak was about 55 cents during early September.

If broiler house capacity had kept pace with broiler firm aspirations, these firms would probably be over-producing and facing below cost prices already.

Between low feed costs and newly, completed broiler houses, the broiler industry is likely to become over-aggressive in early 1986, leading to its own price downfall and negative returns.

Beef production is expected to be down in 1986. Hog numbers will be down, but a pick-up in pork production could occur in the final months of 1986. The slackening in beef and pork production may be sufficient for the broiler industry to salvage positive returns in 1986 despite an expected 5 to 6 percent increase in broiler production.

Turkeys

Since turkey processors broke up the stereotype of turkey meat being a "once-a-year treat", consumption has responded in a positive manner and price has remained on a favorable level. The positive returns to turkey producers during the last half of 1984 and during 1985 has encouraged expansion.

Turkey production will be about 6 percent higher in 1985 than in 1984, spearheaded by a 12 percent increase in the first quarter compared to that quarter in 1984. The 1985 annual average price will be around 70 cents, down only 4 to 5 cents despite a hefty production increase.

Overoptimism may take its toll in 1986. Output is likely to increase 5 to 7 percent over 1985. Pork production is expected to pick up again in late 1986. Thus, more red meat will compete with increased turkey and broiler supplies, forcing turkey prices lower.

If too many turkeys go into storage to avoid the lower price, cold storage holdings could be burdensome on prices in 1987. Fourth quarter 1985 prices averaged 70 to 74 cents. With the expected increase in production, 1986 prices will average in the mid-60's.

Eggs

It was just too good to resist, so egg producers didn't resist. Layer numbers had been low, egg prices were high and feed costs were coming down. Everybody got into the act with productive replacements.

The resulting larger and more productive national laying flock pushed egg production up and egg prices down in 1985. Several months of marginal or below-cost returns have induced a cut-back in layer numbers.

After a delayed reaction, egg production has also slacked off and allowed prices to recover to a break-even level or better.

Egg producers not only reduced their production flock numbers, they also cut back on replacement orders. These cut-backs are being reflected in fourth quarter 1985 and will carry over into 1986.

Egg production will be down about 1 percent in late 1985 and will probably stay down sufficiently during 1986 for prices to improve. The outlook is for the 1986 price to average 67 to 73 cents per dozen, about 7 cents better than the 1985 average price.

Cargill to add four research stations

MINNEAPOLIS – The Seed Division of Cargill will expand its research capabilities by adding corn research stations at Lansing, Mich., and Evansville, Ind. Sorghum research stations will be added at Seward, Neb., and Corpus Christi, Texas.

Bruce Priebe, president of Cargill's Seed Division, said the new locations represent the company's commitment to develop higher-yielding corn and sorghum hybrids for its Cargill, PAG and Paymaster brands. Breeding work at the new stations will begin next spring.

"With the addition of these locations, we will have 19 research stations throughout the United States that develop hybrid corn, sunflowers, sorghum, wheat and cotton. The new stations will help us improve our hybrid line for an even broader range of maturities," he said.

Priebe said the new corn station at Lansing will concentrate on development of early season hybrids while the Evansville station will develop late-season hybrids. Work at the Seward, Neb., sorghum station will include development of early and medium-maturity hybrids while the Corpus Christi station will develop late-season sorghum hybrids.

Cotton breeding projects previously conducted at Temple, Texas, now will be conducted at Corpus Christi, Priebe added.

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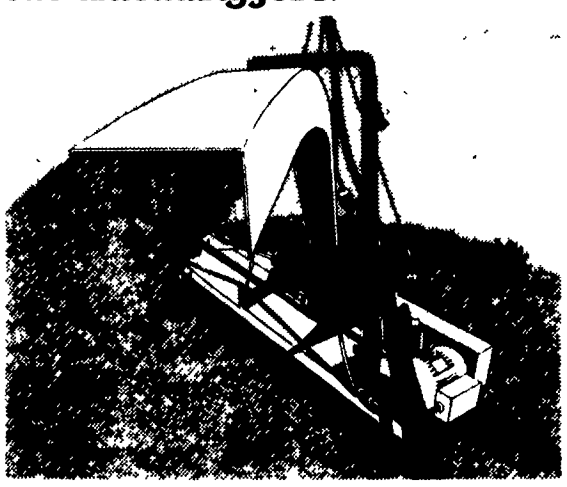

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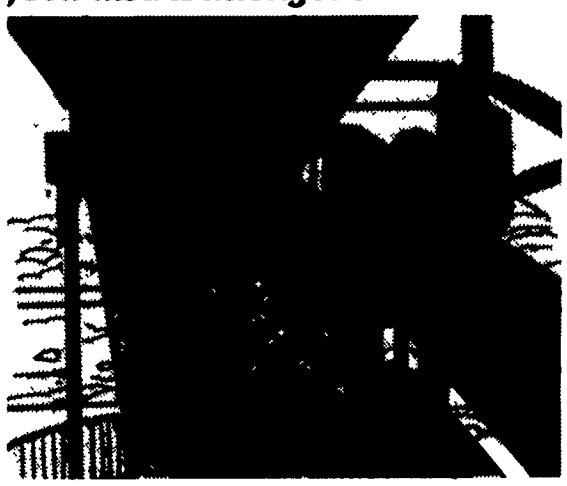

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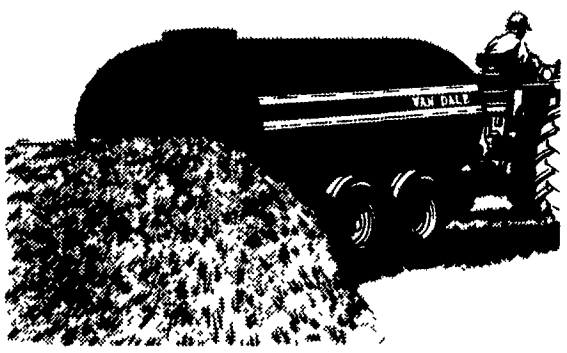

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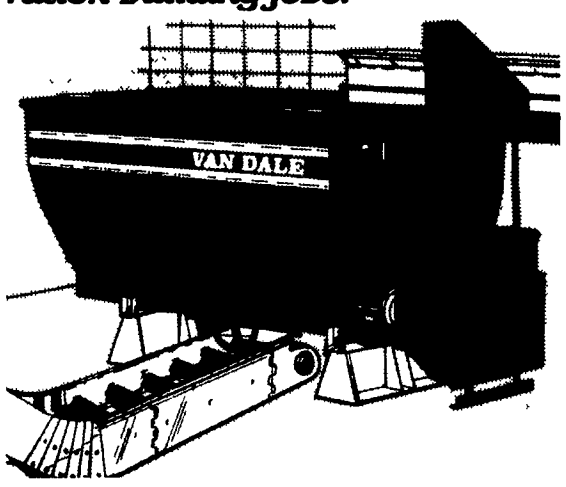

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Lycoming County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
LYCOMING COUNTY DHIA November, 1985						
Franklin J Finck	RH	91 2	89 3	18,881	736	
Vollman Dairy Farm*	R&GR H	43 5	86 1	18,647	732	
Don & Scott Lepley*	R&GR H	36 8	87 3	19 964	721	
Schon Crest Farms	R&GR H	43 6	88 7	20,307	713	
Eugene W Hall	R H	72 9	88 4	18,031	713	
Bar-Vista Farm	R&GR H	48 4	87 4	19,548	713	
Marshall Bros Inc	R H	123 8	85 3	16,794	710	
Marvin L Waltz	R&GR H	61 3	87 7	18 552	709	
John Snyder	R H	43 9	87 4	18 033	696	
Willard M Brelsford	R&GR H	41 2	86 7	17,242	689	
Linden-Hills Farm	R H	32 1	86 9	18 700	688	
Eldon & Yvonne Metzger*	GR H	40-5	86 3	18 374	685	
Benjamin E McCarty	R&GR H	38 3	85 7	18 100	674	
Mont Will Farms	R&GR H	42 7	88 6	17,594	667	
Lester M Poust	R H	59 4	86 2	17 448	665	
Fred W Lovell	R&GR H	39 6	87 7	18 376	658	
Steppe Brothers	R H	85 5	86 6	16 666	652	
Milton S Fuoss Jr	R H	36 6	90 7	17 133	651	
Dale F Cooley	R&GR H	40 1	85 6	17 689	651	
Lycoming Co Inst Dist						
Rhoda		7 08	20 513	948	305	
Samuel & Larry Fry						
Caron		8 05	22 117	769	305	
Candle		2 10	17 587	771	305	
John Snyder						
Eleanor		10-05	21 245	831	305	
Secret		4 09	21 012	872	305	
Love		3 01	17 871	783	305	
John C Bower Jr						
Sharl		4 07	19 703	826	305	
Rae		4 10	18 342	799	305	
Neva		4 03	23 754	787	305	
Kitty		3 10	19 571	775	305	
Willard M Brelsford						
Terry		3 03	20 886	777	305	
Bar Vista Farm						
Joan 2		2 04	19 537	761	305	
Steppe Brothers						
Sharn45		5 00	19 662	833	305	
Woli 57		2 08	19 911	759	305	
Ritter Ridge Farm						
Maggie		8 05	21 266	816	292	
Eugene W Hall						
Pat		7 00	22 694	979	305	
Michele		6 00	26,406	1024	305	
Jody		4 11	25 440	1012	305	
Marshall Bros Inc						
G79		4 11	18 323	756	305	
G73		5-01	21,253	1175	305	
205		4-05	18,183	904	305	
287		2 07	18 887	984	305	
300		2 04	15,698	815	305	
Schon Crest Farms						
Connie		5 08	21 574	843	298	
Dale F Cooley						
Nanc68		4 06	24 109	779	305	
Jocly47		3 02	17 297	806	305	
Lost Brook Farm						
58		5 08	19 217	773	305	
71		3 08	19 649	798	305	
96		3 05	24 929	829	305	
Aaron Ritter						
Angie		8 02	19 188	792	305	
Saffire		5 11	21 415	783	305	
Mrs Richard Mowery						
81BK		7 05	19 570	834	305	
Eldon & Yvonne Metzger						
5		9 11	22 258	843	305	
Roger W Ulmer						
Lisa		9 08	23 340	805	305	
Donald R & Wendy A Kulp						
Audgey		4 00	21 345	822	305	
Vollman Dairy Farm						
283		6 01	20,730	774	305	
239		8 09	18 798	797	266	
227		3 04	21 345	804	305	
J David & John Jarrett						
145		4 01	24 112	823	305	
Franklin J Finck						
Connie		8 07	17,867	854	305	
Traci40		6 09	20,547	769	305	
Freda66		5 08	24,712	1075	305	
15 Pet		4 01	22 208	1001	305	
42SnowF		3 02	21 475	789	305	
54Sharl		2 11	18 428	776	305	

Report on cattle scours

KALAMAZOO, MI — Veterinarians across the country recommend proper management practices as the first offense against scours and David Mordasky, D.V.M. of Stafford Springs, Connecticut is no exception. Mordasky's set of preventive rules are featured in a management report on the use of electrolytes for calf scours and winter dysentery. It is now available from The Upjohn Company.

This report covers the benefits of treating electrolyte imbalances causing calf scours and winter dysentery, two of the most prevalent problems in today's dairy industry. It includes comments by veterinarians, testimonials by producers and a question/answer page on products available for electrolyte treatment.

For a copy of this report, or for more information, write Cattle Scours Report #2, The Upjohn Company, P.O. Box 5087, Kalamazoo, MI 49001-5087.

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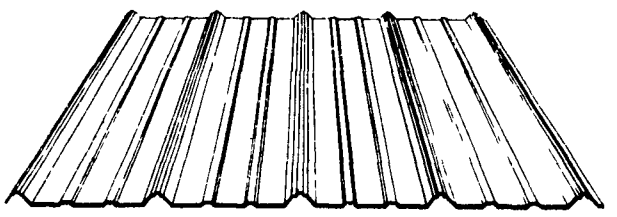
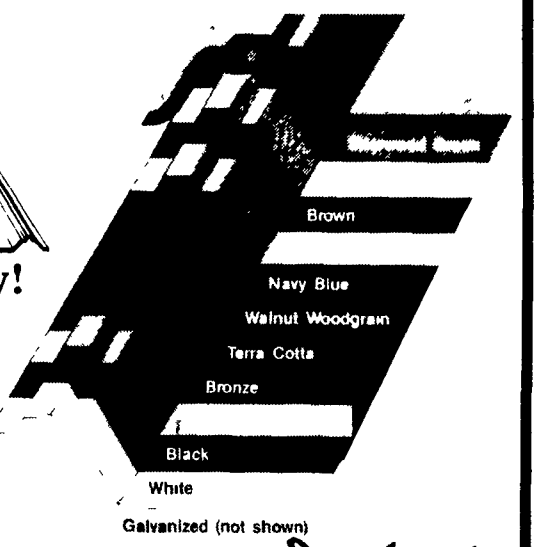

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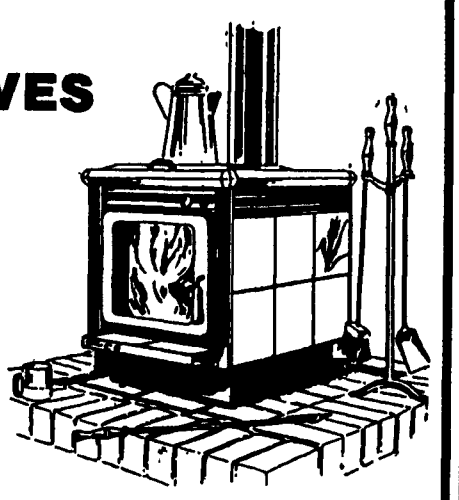
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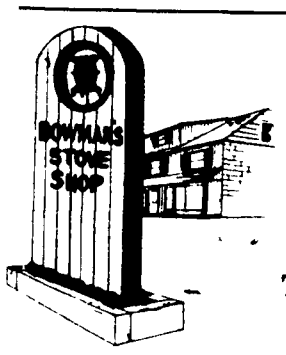

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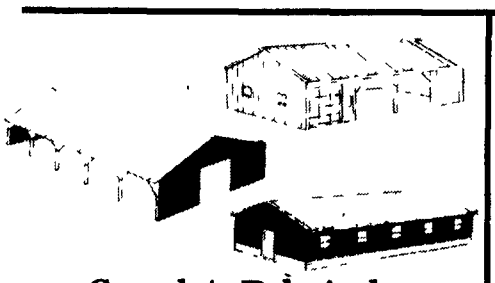
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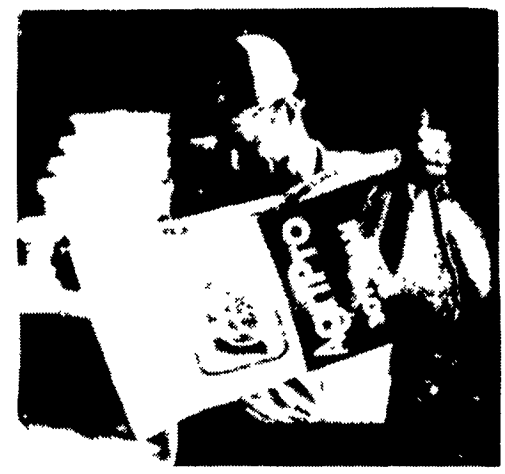

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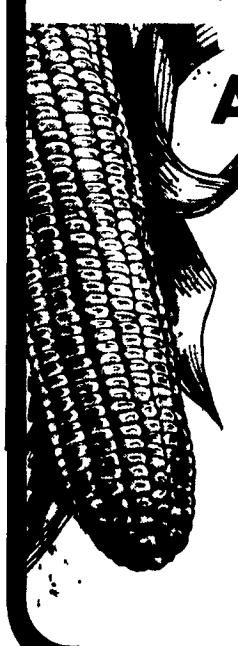

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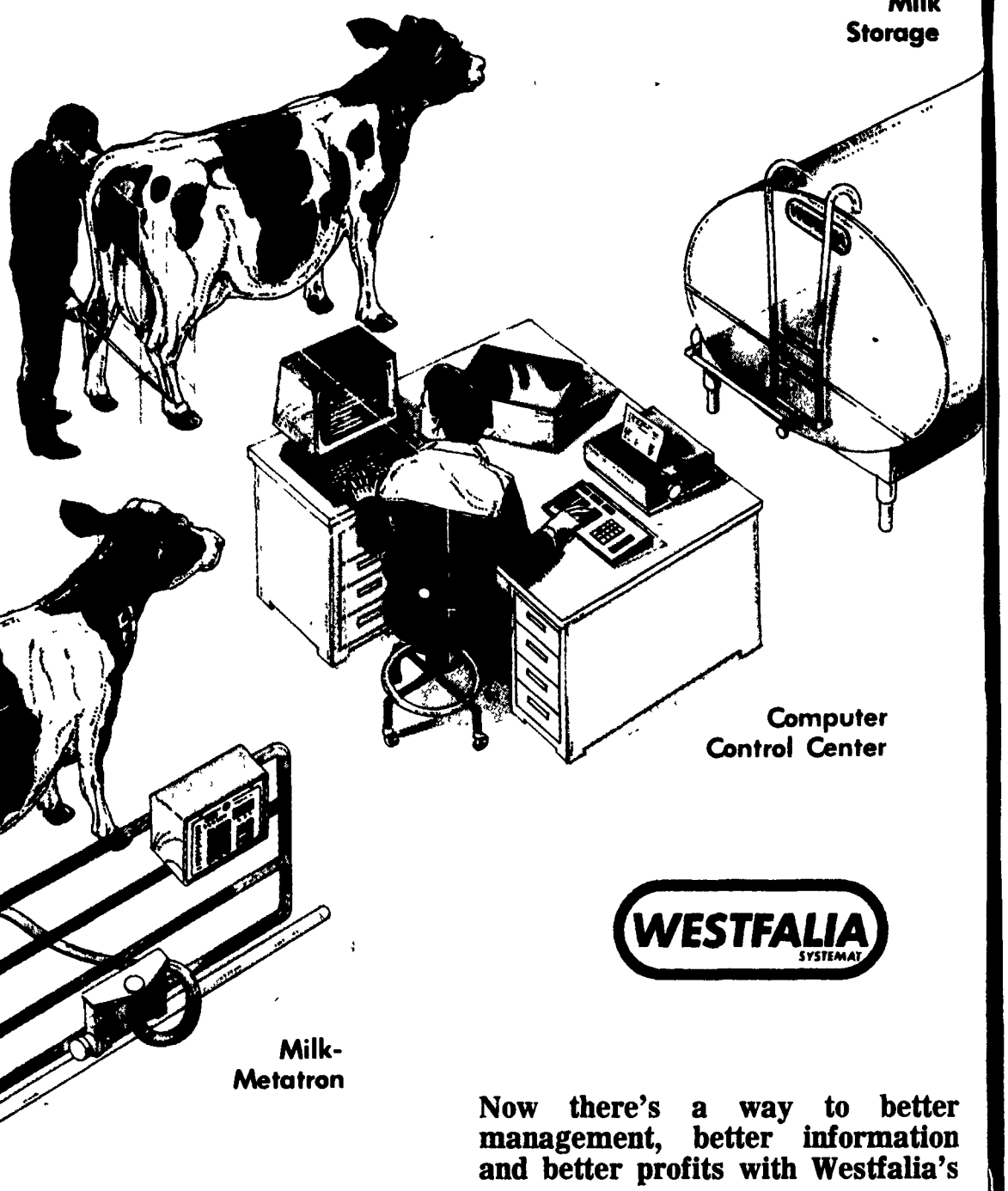

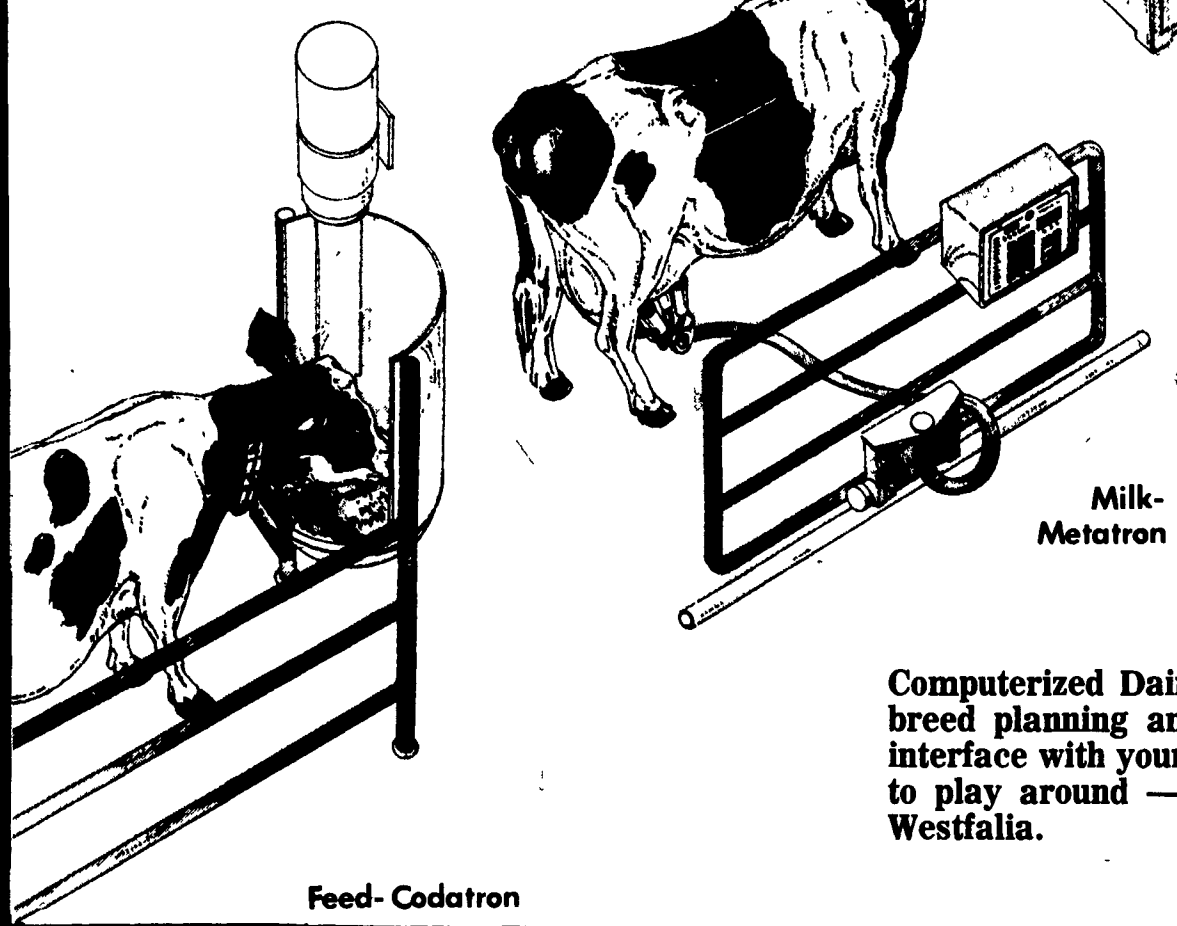

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Berks County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

BERKS COUNTY DHIA
December, 1985

Charles&Tim Kissling	3	68 3	86 6	22,066	803
Bendy Brook Farm	3	44 9	86 8	21,114	779
Reu Hel Farms Inc	3	84 0	87 7	21,546	775
Plushanski Farms Inc	3	136 0	85 7	20,250	772
Mertz Brothers	3	45 0	86 3	21,675	762
David L Schrack	B3	104 5	88 6	19,268	757
Heindel Farms Inc	3	38 1	89 4	19,861	754
Junge Farms	3	75 8	87 0	19,253	742
Merlin J Grube	B3	52 2	86 5	18,994	741
Forrest C Stricker	B3	56 1	84 2	20,585	740
Raymond A Seidel	3	37 6	87 5	19,259	737
Rothrock Golden Hol	B3	84 2	83 5	20,285	727
DJSP Schuler	3	60 2	88 8	19,780	716
Mark A Wolfskill	3	100 2	83 1	19,882	704
Retland Farm	3	51 4	86 3	19,314	697
Ralph & Ken Sanner	3	82 7	85 8	19,125	694
Vista Grande Farm	3	89 7	85 9	18,587	692
Arlan Krick	B3	68 6	89 2	18,233	690
Robert E Kopfer	B3	62 2	89 3	19,307	686
Linden Loch Holstein	3	67 2	85 5	17,951	684
Leonard G Stoltzfus	3	96 9	84 8	18,921	680
RR Troutman & Sons	3	128 8	84 7	17,619	676
Mervin Brubaker	B3	68 2	87 1	19,334	673
Zahncroft Farm	3	50 4	87 9	17,784	673
Andrew D Stoltzfus	B3	104 0	85 2	18,677	669
Glenn B Gockley	G3	42 9	87 4	18,932	668
Good Bros	B3	60 6	87 9	19,983	665
George S Troutman Jr	B3	75 9	88 1	18,017	664
Frank G Gromlich	3	68 6	83 8	17,072	659
George E Moyer	3	102 0	85 0	17,021	658
Richard A Bleiler	B3	52 0	88 5	19,895	656
Donald B Duncan	B3	107 0	89 6	17,295	655
Red Fever Farm	B3	66 7	90 2	18,668	654
Daview Farm	3	70 7	86 1	18,529	654
Sam Shirk	B3	50 8	85 5	18,546	652
Dean&Brenda Daubert	5	36 1	89 2	16,703	651
Udder Valley Farm	B3	71 9	85 5	17,581	651
Ernest C Hoffman	3	58 2	88 3	17,743	650
Yost Brothers	B3	112 2	87 4	18,646	649
Heindel Farms Inc	1	23 9	87 5	15,502	649
Oleka Acres	3	52 6	83 5	19,690	649
Clarence B Kulp	3	68 8	87 7	17 775	644
Marlin J Stutzman	B3	30 7	93 0	20,353	642
Irvin G Weaver	B3	50 7	89 8	17,153	641
Ray W Seidel	B3	34 4	88 8	16,920	640
Show Top Farms	3	164 3	91 1	17,117	640
E Daniel Leatherman	B3	70 2	88 7	18,042	639
Harvey C Krill Jr	B3	44 5	88 5	16,515	637
Donald M Meyers	3	62 9	87 2	16,892	635
William G Howerter	3	89 3	87 0	17,165	632
Pinnacle View Dairy	B3	46 2	88 3	17,491	631
Robert C Dreisbach	4	77 0	83 4	12,734	629
Scattered Acres Inc	B3	154 9	83 6	17,764	629
Herb Top Farms	B3	33,2	83 5	17,045	626
Fred J Walters	B3	72 7	87 4	17,033	626
Grumbro Holsteins	3	49 5	84 7	16,258	624
Martin & Missy Moyer	B3	50 9	86.4	16,717	624
Bernell L Burkholder	B3	43.8	83 9	17,808	622
Whirlwind Acres	B3	112 8	90 3	17,500	622
Swatara Dairy Farm	3	71 5	84 0	15,295	620
Ernest O Miller	B3	213 5	85 1	17,756	620
Harold Schuler	3	37 7	88 6	17,228	619
Harold Fenstermaker	3	33 8	88 7	15,823	616
Leroy E Howard	3	144 1	89 3	17,827	616
Ken & Debra Dietrich	B3	48 0	82 0	16,885	616
Wilhomar Farm	3	43 7	85 2	17,983	615
F Mark Weber	B8	32 8	86 6	16,394	613
FM Browns Sons Inc	B3	90 5	91 5	17,823	613
Ray E Bicksler	3	49 6	86 6	16,236	613
Alton Rohrbach	B3	54 5	87 5	17,021	612
Joe & Deb Kohler	G3	35 7	86 6	16,827	611
David J Williams	B3	42 8	89 0	17,431	610
Ker Min Farms	3	80 4	87 3	16,509	610
Tulpa-Canal Farm	B3	39 1	85 5	16,785	609
Rick Phillips	G3	53 2	88 1	16,530	608
Gary-Martha Heffner	B3	40 5	82 7	16,570	605
Barry L Burkholder	B3	48 8	81 9	17,258	605
Lester Martin	B3	45 0	82 9	16,009	605
Hylark Farm	3	74 9	85 9	16,013	604
Arthur D Schlappich	B3	61 4	86 5	17,051	603
Harvey M Weaver	B3	54 2	83 6	16,468	601
Ro Ria Farms	B3	202 8	89 6	15,983	601
Bruce Reigel	G3	37 4	86 1	15,496	601
Ontelynn Acres	3	124 7	86 9	15,740	600
David Gross	B3	33 5	82 5	16 131	600
Meadow Spring Farm	B3	53 2	84.8	17,023	600
Wooden Bridge Farm	B3	56 8	81.8	17,984	599
Samuel L Mast	3	47 0	85 6	16,338	598
Elvin Brubaker	B3	39 8	84.2	16,591	596
Floyd Kurtz	3	58 8	87 3	17,404	596
Terry Kunkel	B3	38 7	86 1	17,226	593
Eleanor K Siegfried	3	106 4	90 2	15,969	592
Clarence C Sattazahn	B3	103 9	89 6	15,856	589
Albany Farm	B3	41 2	88 5	15,986	588
William C Adams	B3	86 0	90 9	14,441	588
Pine Brook Farm	3	106 2	86 6	16,129	587
Kenneth Zook	B3	57 4	87 2	17,253	587
David Y Knauer	B3	52 9	85 1	17,064	586
Robert L Sattazahn	B3	100 3	90 0	16,664	585
Raymond L Kulp-Son	B3	84 0	89 7	16,243	584
Robert E Kieffer	B3	60 8	89 7	16,147	583
Charles W Wagner	B3	51 4	90 8	15,916	581
Donald Burkholder	B3	102 6	86 8	16,313	580
Edward R Haas	G3	28 6	89 8	15,493	579
Blue Mtn Academy	B3	129 4	87.1	15,438	577
Glenn R Harnish	B3	105 4	86 3	16,256	577
Daniel J Harnish	B3	92 8	85 6	16,254	576
Lynnacres	3	185 7	90 4	16,165	575
Raymond B Nolt	B3	83 1	84 8	15,694	575
Wilmer Dreibelbis Jr	B3	104 9	83 9	16,551	574
Clyde Loump	B3	53 8	86 8	15,885	572
Ronald Weyer Jerseys	4	28 0	84 4	16,347	571
Win-Dale Farm	4	54 4	87 8	11,551	567
Charles D Moyer	B3	123 1	83 9	16,368	567
Rentschlers Holstein	B3	32 6	85 8	16,709	566
Lewis Nolt	B8	61 5	84 3	15,171	565
Way Har Farms	B3	111 9	90 2	16,030	561
Carl H Rabenold	B3	59 2	84 7	16,565	561
John H Stump	3	69 2	87 1	15,887	560
Glenn E Hoffman	B3	52 6	87 3	15,232	559
Kur-Del Farm	B3	46 3	82 0	16,286	558
Teen Chal Farm	B3	119 1	86 3	15,857	558
Harold Dietrich Hol	B3	31 6	88 7	16,114	554
Vernon G Good	B3	32 9	91 2	16,244	554
Ronald Weyer Holst	B3	61 2	84 0	16,134	551
Rodger L Wagner	B3	128 0	88 9	14,732	551
Jerry A Krone	5	18 9	87 3	14,047	550

Agpro unveils security gate

PARIS, TX – Agpro, Inc. announces development of a new line of security gates for farm, ranch, and estate use.

A company spokesman states, "We have been manufacturing heavy duty automatic gates for the cattle industry for the past 22 years. Our Security Gates incorporate this experience, know how and proven components. Women especially like the radio controlled version that can be operated without even rolling down the window or stopping the vehicle."

The security gates are of very heavy construction and are fully automatic. You operate them by radio control from your car seat. The dead bolt type lock mechanism is animal proof and highly resistant to tampering, "no key, no entry."

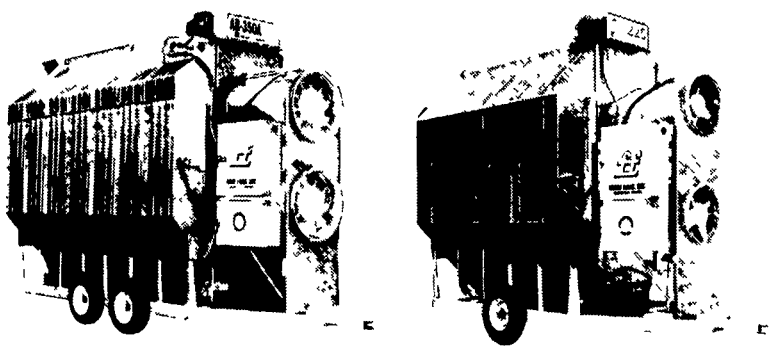
The gates are shipped with the mechanical and electrical parts pre-assembled at the factory. You cut the rails to the exact length needed.

Several standard configurations match most plank, pipe, steel or woven wire fences. These traditional designs blend right in, or you can furnish your own rails to match your fence perfectly.

Installation can be completed in a few hours with hand tools and basic mechanical skills. These gates are designed for long, secure service with minimum maintenance.

For more information, call Agpro's toll-free number, 1-800-527-1030 or write, Agpro, Inc., Rt. 7, Box 100, Paris, Texas 75460.

ff FARM FANS



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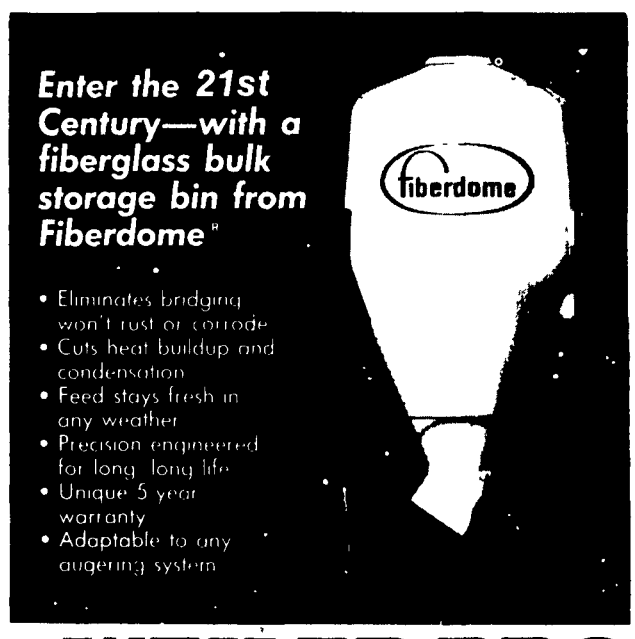
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Sulfur may boost livestock output

HOPEWELL, VA. — Sulfur fertilization of forage crops may lead to improved nitrogen utilization by ruminants, according to research conducted at Virginia Polytechnic Institute and State University.

In a two-year study co-sponsored by Allied Corporation in Hopewell, VA, and The Sulphur Institute in Washington, D.C., sheep fed corn silage fertilized with ammonium sulfate (21-0-0-24S) "showed a dramatic improvement in N utilization," reports Dr. Vivien Allen, a researcher with VPI and coordinator of the study. Additionally, fertilization with ammonium sulfate increased corn yields by seven percent.

Allen explains that adding sulfur fertilizer to forage crops can increase protein and may improve dry matter digestibility, which helps animals digest feed and utilize nitrogen.

"Even if a farmer doesn't get yield increases, it may be worthwhile for him to add sulfur to his crops if it improves protein content and digestability," she comments.

Metabolism trials with sheep revealed that animals used nitrogen more effectively when their feed supplied the dietary sulfur compared to direct sulfur supplementation as sodium sulfate.

According to Allen, feeding livestock a sulfur supplement may not produce the same benefit as feeding livestock forage fertilized with sulfur.

The Virginia Tech research group also found that making split applications of sulfur did not increase protein content or digestability any more than single applications.

A large number of the corn silage samples from throughout the state of Virginia have been found to be low in sulfur, indicating a widespread sulfur deficiency, according to research previously conducted in Virginia.

"We can create a deficiency with high intensity farming," says Allen, explaining that higher crop yields remove more of all nutrients from the soil. But while many farmers replenish their land with nitrogen, phosphate, and potash, many unintentionally neglect sulfur.

This may be due in large part to the replacement of traditional plant-food sources like single superphosphate (0-20-0-12S) with high-analysis sources such as triple superphosphate (0-46-0) that contain little or no S and to less use of sulfur-containing insecticides and fungicides.

To counteract sulfur shortages, Allen recommends determining sulfur levels in the soil through soil testing and augmenting with plant analyses.

This year, the Virginia Tech group is testing the effects of sulfur fertilization and supplementation on growing beef steers. They plan to give the steers both supplements and corn forage fertilized with sulfur.

"The dairy industry, as well as beef and sheep producers, should be quite interested in improved digestability and N utilization because it can have important effects on milk production and feed efficiency," comments Allen.

When choosing a sulfur fertilizer, growers should first consider other nutrient needs. Many sulfur sources available today also contain nitrogen or potassium. Examples are ammonium sulfate (21-0-0-24S) and potassium-magnesium sulfate (0-0-22-22S-11Mg).

"If you need both nitrogen and sulfur, a fertilizer like ammonium sulfate would probably be your best buy," says Tom Hemphill, agronomist with Allied Corporation. Ammonium sulfate can be used in either dry or liquid fertilizer programs.

Hemphill points out that ammonium sulfate contains sulfur in the sulfate form, the only form that crop roots can take up and utilize. As a result, the sulfur found in ammonium sulfate can be taken up by the crop more quickly than the elemental form, which needs up to several weeks—or even months—to convert into the sulfate form for uptake.

ASCS to send deficiency checks

WASHINGTON — Under Secretary of Agriculture Daniel Amstutz announced that he had instructed the Agricultural Stabilization and Conservation Service to inform their county offices to release deficiency payment checks for wheat, barley and oats immediately.

Amstutz said the checks had been held up in ASCS county offices until Congress completed action on legislation making continuing appropriations through September 30, 1986, which contained funds for the deficiency payments.

Congress recently passed a continuing resolution making funds available for a number of federal agencies, including USDA. President Reagan signed it immediately making almost $1 billion in payments available to farmers.

Shaver wins merit award

CHICAGO — J. Lyle Shaver, manager, Engineering, Deutz-Allis Corporation, was named 1985 winner of the Farm and Industrial Equipment Institute (FIEI) Engineering Merit Award, FIEI President Emmett Barker announced today.

Shaver received a plaque symbolizing the prestigious award, presented annually since 1957, in an awards luncheon at the Hyatt Regency Illinois Center in Chicago. The award, presented by Robert B. Skromme, vice president of engineering, New Idea Farm Equipment Corp. for FIEI, was announced at the American Society of Agricultural Engineers' (ASAE) winter meeting held here December 17-20.

The FIEI award recognizes a company's engineer's contributions and dedication to the Institute and the industry it represents. Selection, by a committee of the engineer's peers, is based on leadership, involvement and achievements in the industry, according to Barker.

Shaver has been active in FIEI engineering activities for more than a decade. Currently, he serves as chairman of the Institute's Farm Equipment Division's engineering committee and participates as a member of the Institute's Engineering Policy Advisory Committee. In addition, he has taken an active role in ASAE administrative and standards committees, winning the 1974 Missouri ASAE Young Engineer of the Year Award.

Since joining Allis-Chalmers Corporation, Deutz-Allis' precursor, in 1967, Shaver has been closely involved with the company's product engineering. Initially, a project engineer responsible for developing the company's first rotary combines, Shaver was promoted to chief engineer, combine development, in 1967. He attained his current position in 1967.

Upjohn taps exec for animal health

KALAMAZOO, Mi. — John A. Studebaker, has been appointed Executive Director and Division Manager of the Animal Health Division, Upjohn International, Inc., in Kalamazoo.

Formerly Executive Director, Asgrow Marketing and Production in The Upjohn Company Agricultural Division, Studebaker served nearly 15 years in animal health marketing, including five years with the international division, prior to the Asgrow appointment. He now reports to Dr. Thomas G. Schalk, who is in charge of Worldwide Animal Health.

The International Animal Health Division handles sales, marketing, production and distribution of a comprehensive line of veterinary pharmaceuticals and over-the-counter products. The product line includes injectable antibiotics, antibiotic feed additives, water soluble products, prostaglandins, steroids and other specialty products. Such Upjohn-developed antibiotics as lincomycin, spectinomycin, neomycin and novobiocin are offered worldwide in different formulations in these products.

A native of Miami County, Ohio, Studebaker received his bachelor's and master's degrees in agriculture from Ohio State University, in 1953 and 1956, respectively. He joined The Upjohn Company in 1958 as Manager of The Upjohn Research Farm.

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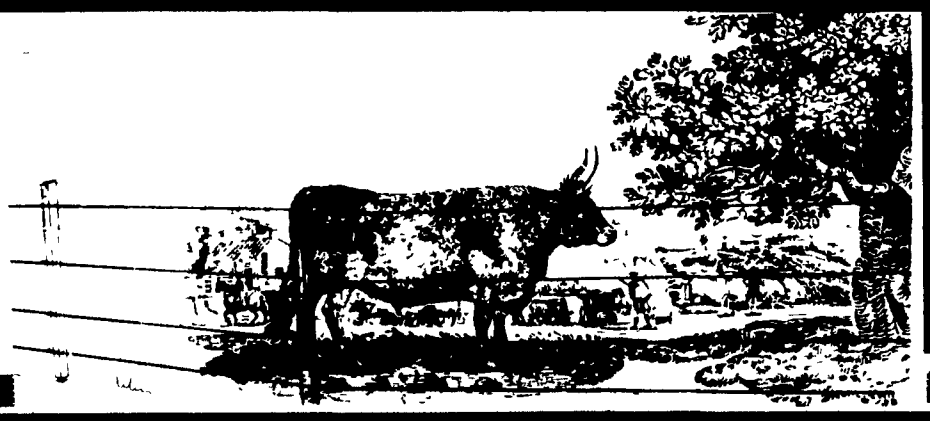

Dauphin County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
DAUPHIN COUNTY DHIA November, 1985						
Roy C Wilbert		H	45 1	20,787	723
Restful Acres		H	85 8	19,727	698
John Hertzler		H	80 4	18,706	688
Wilmer Campbell		G	62 8	15,144	668
Roy M Brubaker		G	88 1	19,042	667
Crissinger Dairy Farm		H	88 7	16,658	664
Robert J Schaffer		H	63 1	17,890	644
Catalpa Farms		H	139 5	19,715	643
Robert H Beach Jr		H	51 5	16,788	630
Alwine Farms		H	91 7	17,759	629
Wil-Lene Farms		H	71 5	17,166	613
Conewago Farms		H	38 5	15,906	612
J Melvin Brandt		H	75 0	16,511	612
Terlin Farms		G	65 6	12,908	604
Lytle Farms Inc		H	100 9	16,197	598
Larry L Boyer		H	26 1	16,325	598
Elwillo Farms		MX	132 9	16,665	597
Great View Farms		H	51 9	15,789	596
Harold M Nissley		H	42 9	16,823	587
Stoney Lawn Farms		H	71 4	15,940	586
Sher Mar Acres		H	75 2	16,213	586
Mahlon L Lehman		H	57 2	15,783	581
Paul E Clugston		H	102 6	16,222	576
Arthur Brandt		H	95 5	15,153	572
Noah W Sauder		H	47 9	15,762	559
Dale F Faust		H	47 6	16,594	555
Lauden Farms		H	186 8	16,059	553
Dauphin-Way Farms		H	41 6	15,109	542
Stanley R Long		H	92 4	14,730	540
Floyd Feidt		MX	75 0	14,322	535
Walter Schaffer		H	22 9	13,252	529
Lee R Sweigard		H	22 5	15,858	524
Donald Miller Deemer		H	51 6	14,120	522
James Lesher		H	39 8	14,217	516
Alwine Farms					
Empress			5-3	19,547	3 3	651
Sadie M			6 11	19,546	3 4	665
Penny			3-10	25,687	3 8	974
Roselyn			3 8	20,265	3 3	666
Fan			5-6	23,564	3 6	843
Catalpa Farms						
Spots			7 10	24,575	2 9	713
149			6 1	27,392	2 5	690
150			6 1	21,760	3 8	833
177			5-6	19,812	3 5	688
204			5-0	26,874	3 0	812
250			4-3	25,165	3 1	771
316			3 2	21,319	3 6	758
Stanley R Long						
Tina			7 5	19,409	3 7	711
Restful Acres						
Grace			5-4	20,843	3 3	690
June			4-0	19,363	3 6	699
Betz			2-11	21,386	3 4	719
North			3-0	18,927	3 6	688
Robert H Beach						
202			4-8	24,016	3 4	812
Lauden Farms						
156			0-0	20,216	3 5	701
214			6-8	19,792	3 5	690
246			4-0	22,251	3 6	804
Great View Farms						
Foxlady			3-11	15,734	4 4	689
Margaret			3-3	17,565	3 8	671
Roy M Brubaker						
Gloria			6-4	23,498	3 5	821
Ginger			5-10	21,149	3 5	732
Freckle			5-0	22,878	3 8	861
Speckle			5-0	20,339	3 2	655
Pam			4-3	22,994	3 3	755
Viola			3-2	23,007	3 0	694
Violet			3-1	20,881	3 6	744
Tammy 87			3-1	20,068	3 6	729
Feebee			2-5	18,246	3 9	708
John Hertzler						
Nellie			7-3	19,721	3 8	755
Babs			3-10	23,141	3 4	790
GiGi			2-4	19,704	3 5	681
Earl E Keefer						
Pansy			10-1	17,808	4 2	754
Terlin Farms						
Nanette			4-11	14,008	5 0	701
Robert J Schaffer						
Dawn			6-0	21,343	3 4	730
Cindy			5-3	19,894	3 3	651
Stoney Lawn Farms						
Cher			4-3	17,945	4 3	779
Lytle Farms Inc						
Ella			9-2	17,479	4 3	752
Aaron			5-9	21,003	3 6	751
Beulah			4-11	17,466	4 0	705
Joanne			4-4	20,875	4 0	845
Alison			4-0	23,789	3 2	765
Carlla			3-11	18,511	3 9	720
Ginger			4-6	15,395	4 7	716
Ace			3-3	22,180	3 6	798
Val			2-11	19,304	3 7	705
Linsy			2 1	17,439	4 0	705
Amist			3-3	24,141	3 0	729
Crissinger Dairy Farm						
Lena			4-8	21,622	3 6	772
Claris			3 3	16,380	4 9	800
Janet			3-4	16,087	4 4	708
Floyd Feidt						
Samantha			4 9	21,753	3 3	711
Daphne			4-2	17,910	3 7	664
Mahlon L Lehman						
Maggie			8-0	17,479	3 7	654
Tilly 7			3-9	20,580	3 6	741
J Melvin Brandt						
Pansy			8-10	16,570	4 1	674
Stella			7-0	18,969	3 8	719
Crystal			6-6	23,347	3 6	846
Sonja			5-3	19,926	3 3	665
72			4-10	21,094	3 9	814
57			5-8	20,692	3.8	784
Sadie 78			3-3	19,106	3 6	683
Wilmer Campbell						
Prisila			5-1	15,438	4 3	665
Patti 58			6-6	15,103	4 6	701
Opel			3-0	14,724	4 5	668
Alwine Farms						
74			4-11	27,998	3 2	893
H-Jewel			4-3	18,045	3 6	652
Nanette			4-4	19,841	3 7	74
Sher Mar Acres						
26			4-4	16,713	4 2	700
44			5-1	19,934	3 5	692
116			6-0	18,119	3 7	673
Paul E Clugston						
164			5-8	23,626	3 0	701
40			3-2	17,644	4.3	754
Wil-Lene Farms						
45			4-3	20,154	3 4	677
Roy C Wilbert						
Lynn			5-11	26,152	3 3	856
Renee			3-1	18,395	3 8	691
Noah W Sauder						
33			8-2	19,954	3 6	728
13			3-5	17,614	3 9	681
Al-Ty Farms						
Little 1			5-5	17,121	3 9	664
Dauphin-Way Farms						
Beauty			5 7	18,742	4 3	811
Arthur Brandt						
Bettina			9-10	18,239	3 7	683
100			5 10	18,210	4 3	776
Elwillo Farms						
151R			10 11	24 750	3 4	843
66			4 9	20 101	3 1	621

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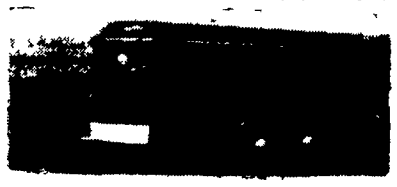

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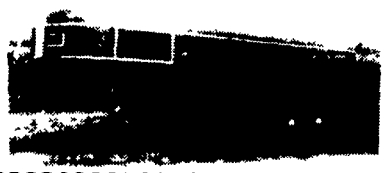

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Model Selection Chart

Model No	Watts	Momentary Surge Watts	Minimum Required HP	Volts	C B Amps	Phase	Wire	Approximate Wt Net Lbs	Approximate Wt Ship Lbs
15LR1	15 000	45 000	25	120 240	60	1	3	425	490
25LR1	25 000	75 000	40	120/240	100	1	3	475	500
35LR1	35 000	105 000	55	120/240	150	1	3	580	600
45LR1	45 000	135 000	70	120 240	175	1	3	670	730
55LR1	55 000	165 000	86	120/240	226	1	3	730	750
85LR1	85 000	255 000	130	120 240	350	1	3	795	860

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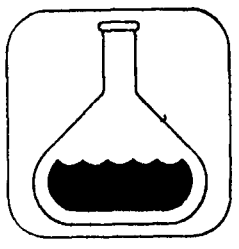

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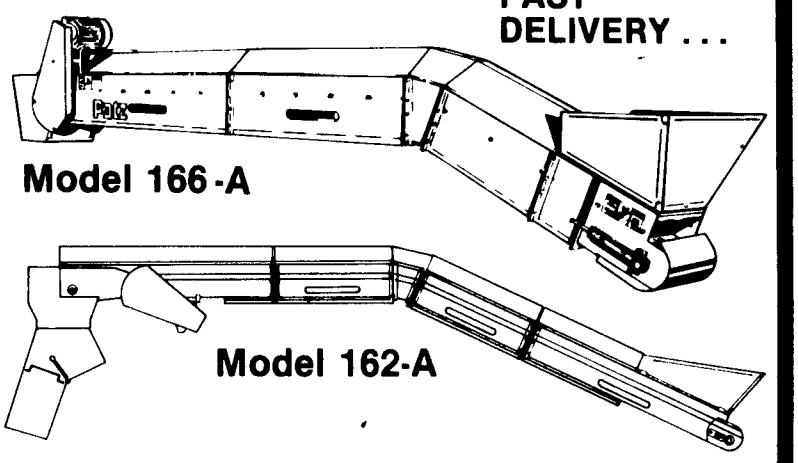

Model 166-A

Model 162-A

Built rugged for efficient, high-volume feed handling. Economical chain-and-flite action moves feed smoothly without sifting or separating.

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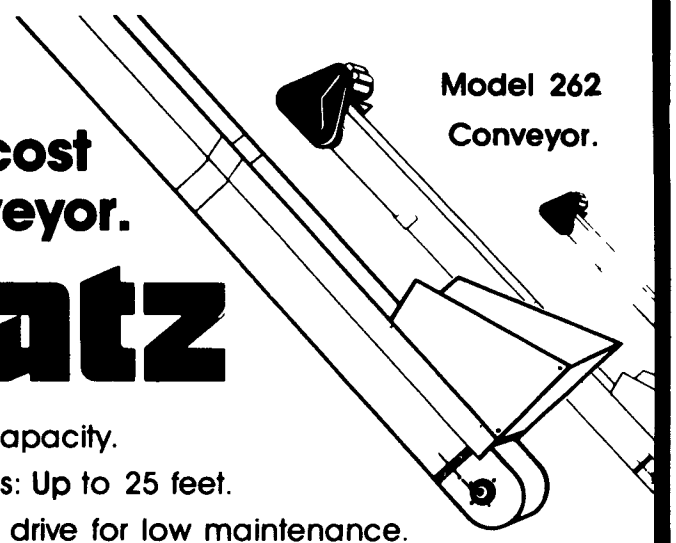
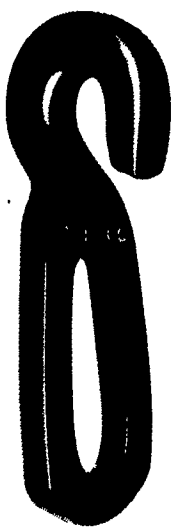
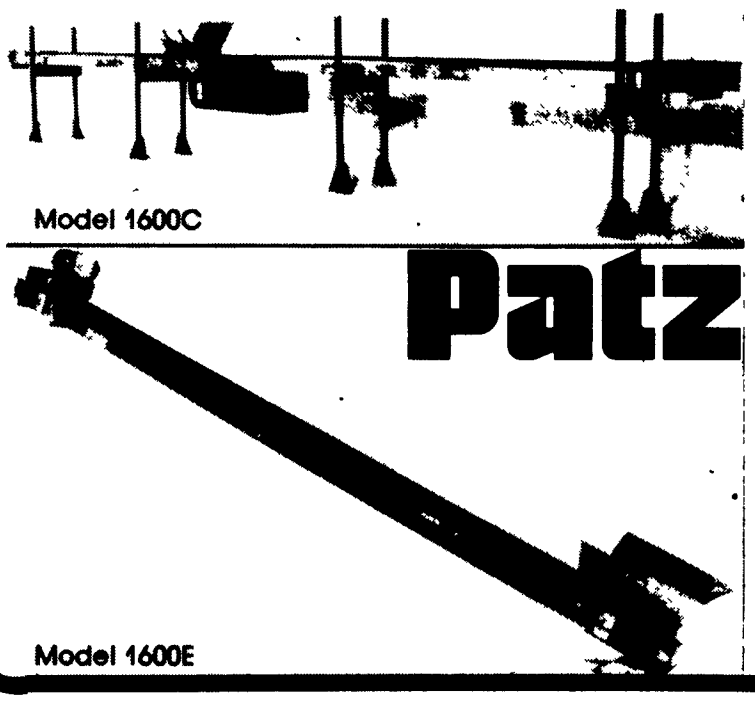


Model 262 Conveyor.

- High capacity.
- Lengths: Up to 25 feet.
- All-belt drive for low maintenance.
- Galvanized steel, all bolted construction.
- Detachable steel chain with steel-braced 2½ in. rubber flites.
- Replaceable bolt-in conveyor pans.
- Options: hopper, spouts, diverter, support brackets.





Model 1600C

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Model 1600E

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Pay attention to market, experts say

COLLEGE PARK, MD – Anyone who produces food or fiber is not finished marketing their product until it ends up in the trash bin or somebody's cesspool, says John R. Martin.

Martin, a Washington County hog farmer and orchardist, says Maryland farmers need to work harder to sell their product and educate the consumer.

As the Maryland Pork Producers' official pig promoter, he echos what economists at the University of Maryland say about the future of agriculture in the state.

Farmers need to look at new ways to diversify and sell their products as the Maryland countryside slowly gives way to suburbia, the economists says. They may have to change production levels or use new marketing techniques to maintain agriculture's stable financial condition in the state.

Small changes are the key, says Jarvis Cain, an Extension Service marketing specialist at the university. He says no one, single change will save Maryland farmers from future financial problems.

"It's going to be bits and pieces," Cain says. "That's how Marylnd agriculture is going to continue to prosper."

Selling produce directly to the consumer is one way farmers can diversify their markets, Cain says. This direct marketing concept has been proposed for many years, but he adds that it takes a "special kind of personality" to sell a product this way.

But if farmers are to survive through direct marketing, knowledge of the product and its effect on consumers must be mixed with a good campaign and willingness to provide high quality, Cain and Martin say. Only a limited number of people in specific situations can make a reasonable living with direct marketing, Cain says.

But marketing is not the only way to save Maryland agriculture from future financial woes, he adds. Other changes are needed.

Cain says possible declines in dairy and tobacco industry profits are the main reasons Maryland farmers need to diversify.

As the suburban work force seeks homes in rural areas, Maryland tobacco and dairy farmers could profit by changing to other crops or selling their land for development, economists says. Cain says some farmers could do well by selling fresh products to their new neighbors. But whatever way is chosen will take work, he adds.

"We already know enough about our products to get in trouble." Martin says. "Learn something about getting out of trouble through encouraging consumption."

The pork producer says improving consumer awareness of the benefits of using fresh farm products is necessary to increase sales. This may require more special promotions such as the Dairy Council's "Fitness You Can Drink" campaign or changing products to meet consumer demands, he says.

Martin adds that most farmers don't know what is good for them in terms of marketing. With a little imagination and some basic public relations skills, the farmer can turn even the most common or popular crop into something special for the consumer.

Talking to the consumer can help, the pork promoter says. He and Cain agree that it's going to take new ideas and the revision of some old ones if Maryland farmers are to survive in changing times.

John Deere to buy Canadian firm

MOLINE, IL – Deere & Company and The Versatile Corporation of Vancouver, B.C., Canada, announced that they have reached a tentative agreement under which Deere & Company would acquire Versatile's agricultural equipment manufacturing operations and its marketing operations in North America. The agreement is subject to successful negotiation of a final agreement and approval of government bodies in the U.S. and Canada. Under this proposal Deere would also acquire Versatile's agricultural retail credit operations.

The manufacturing operations consist of a factory located in Winnipeg, Man., which makes large four-wheel-drive and bi-directional tractors, windrowers and pull-type combines. Also included is a factory located in Nobleford, Alberta, Canada, which produces a line of drills and cultivators designed for the western prairie area of the two countries.

This acquisition would provide Deere with several new products it does not currently manufacture including bi-directional tractors, certain models of windrowers, and a model of a pull-type combine. It would increase the sales potential of the Winnipeg and Nobleford factories. It is expected that assembly of large four-wheel-drive tractors would be concentrated in the Winnipeg operation which would use a number of components manufactured in Deere's Waterloo, Iowa, operations.

Deere says it would expect to continue the distribution of the Versatile product line through the existing Versatile dealers as well as a differentiated line of products through Deere dealers.

Versatile, whose other lines include shipbuilding, energy, and cold storage warehousing, had sales of $629.6 million (Canadian) in 1984. Deere's fiscal 1985 sales were $4.1 billion (U.S.).

Seminar set on baking

MIDDLETOWN – Penn State University and Pennsylvania Bakers Association will be presenting a series of seminars on baking technology starting January 27th. The seminar will be held in the Continuing Education Building at PSU's Capitol Campus in Middletown from 8 a.m. to 4 p.m.

PSU's Food Science Department will be leading the sessions with seven professors coming from the Main Campus. The first seminar will be an overview of the next three seminars and will cover topics such as: functionality of ingredients, quality control, sanitation, and microbiology.

The seminars will be beneficial to anyone involved in baking in a bakery, deli, restaurant, or hotel. The cost of $105 per seminar includes all text materials and lunch.

For more information contact Ron Melchoirre at Capitol Campus, Continuing Education, 717-948-6275.

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Fender Washers	1 35	
Lock Washers	1.85	
Machine Screw Washers #6 #8 #10	1 85	
Grade 5 Hex Bolts USS	~~1.35~~	1 15
Grade 5 Hex Bolts SAE	1 65	
Grade 8 Hex Bolts USS	2.50	
Grade 8 Hex Bolts SAE	2.70	
Plow Bolts #3 head Grade 5	2 10	
Plow Bolts Clipped Head	2 70	
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Average Maryland farmer in good shape financially

COLLEGE PARK, MD – The average Maryland farmer is still in good financial shape, according to an agricultural economist at the University of Maryland.

High land values give Maryland farmers an advantage over their counterparts elsewhere, says economist Robert J. Beiter. Therefore, he says generalizations about the nation's farm economy do not hold true for all Maryland farmers.

Farmers around the country are crying the financial blues because reduced land values have decreased their borrowing power and increased their debt. But rapidly expanding populations in the Baltimore and Washington metropolitan areas keep Maryland land values from following the national trend, economists say.

Broilers and dairy producers made up over half of the state's farm receipts last year and kept Maryland farmers financially sound, Beiter says.

But, he adds, the key to their good standing is the potential to plant houses when all other crops fail.

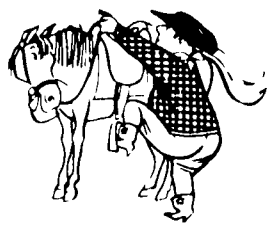
City expansion has forced many farmers to decide whether to keep their land in production or develop it into a residential or commercial development. The big question is the effect of land value on receipts and cost of production, Beiter says.

Many of those running into financial problems have expanded beyond their means, he adds. He says buying land and machinery without considering its impact on the total farm investment is one of the worst things a farmer can do.

"What is their marginal return on the real estate and machinery in terms of the total operation?" Beiter asks. "You only get so much more corn or hay from that additional acreage. What does that increased cost do in terms of total farm income?"

Adding land and machinery beyond the level that production supports is one of the biggest reasons for farm debt, Beiter says. The problem is management. The economist says farmers should pay more attention to their costs if they plant to keep their farms financially afloat.

SADDLE UP!



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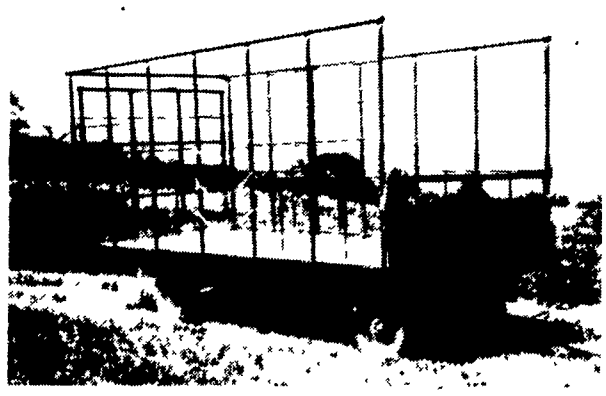

- 6" Steel Main Beam
- 2" Vertical Tubing Drilled so that the 1" Horizontal tubing extends Full Length of Wagon
- Front-Side and Rear Loading and Unloading
- 2x8 Pressure Treated Lumber Floor
- 2x6 Oak Cross Beams
- Beds are 8' wide, available in 16, 18 or 21' lengths. Racks are 90" high.
- NEW FEATURE: 6" Channel across back for pushing wagon without damaging bed.

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OXFORD GREENLINE, INC.
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Newburg, Pa. 17240
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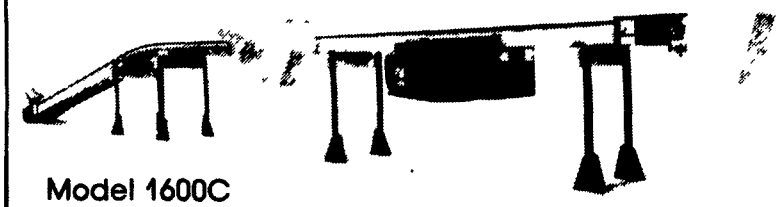
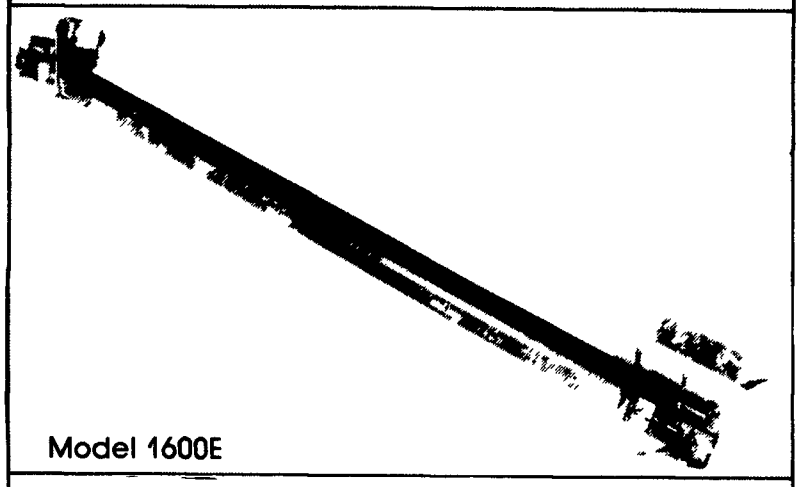
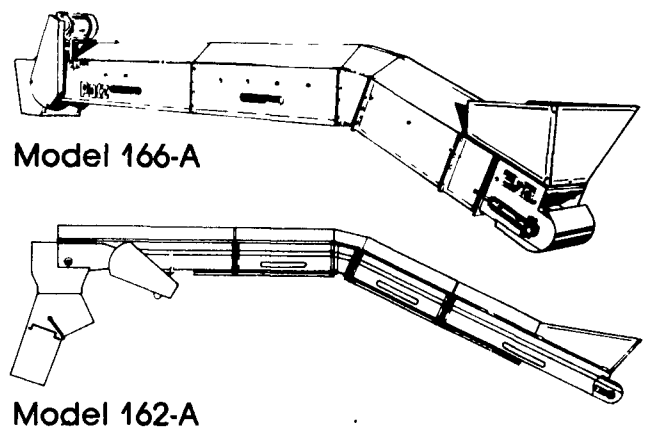
Patz Builds Feeding Equipment Rugged And Reliable . . .



Model 1600C

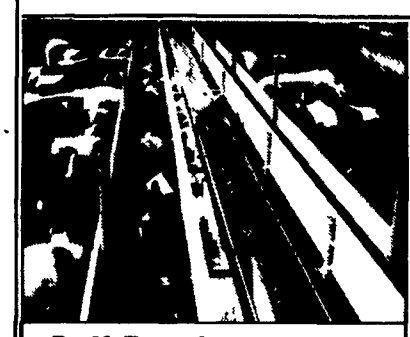


Model 1600E

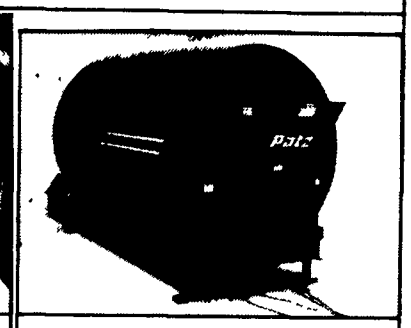


Model 166-A

Model 162-A



Belt Feeder



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York County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
YORK COUNTY DHIA December, 1985						
HS & RE Fetrow		3	81 8	87 9	21,111	769
Smysers Richlawn Fms		3	77 5	86 5	20,602	757
Lynn Wolf		3	71 1	89 2	20,826	739
Stump Acres		3	103 7	92 2	18,500	734
Paul R King		3	55 2	86 8	18,569	732
Beshore Farms		3	48 3	84 5	20,679	731
Jim&Holly McCaffree		3	41 6	85 1	20,259	730
Sinking Spring Fminc		3	66 4	87 9	19,300	724
John Wilcox		B3	59 9	90 2	18,999	702
Leonard Greek		3	30 5	91 8	18,496	701
Thomas A Boyer		3	44 8	85 0	18,848	695
Wayne B Mummert		B3	75 5	86 8	19,222	685
Bald Eagle Farm		B3	65 0	87 7	18,246	682
David Stewart		3	111 6	91 8	18,307	678
William Myers		B3	46 0	85 9	18,831	673
Dan & Patti Hushon		3	36 5	88 2	18,658	671
William Ruppert		B3	55 5	89 7	18,937	670
Rineway Dairy Farm		B3	86 7	86 2	19,083	661
Shelbud Holsteins		3	66 4	88 1	17,497	655
George Innerst & Sons		B3	84 2	86 1	17,540	648
Mervin W Hertzler		2	62 5	87 3	14,118	645
Desota & Robt Burchett		B3	102 8	87 0	17,368	644
Walnut Hill Farm		B3	50 8	85 9	17,593	642
Melvin R Lehr		B3	49 1	83 3	17 539	640
JH & MB Hushon		B3	94 7	88 3	16,722	637
Wayne E Myers		3	49 5	82 8	17 107	636
RR & MR Stewart		3	60 9	88 1	18,044	635
McRal Dairy Farm		B3	177 0	87 9	19,165	632
Big T Holsteins		B3	94 6	85 3	17,064	632
Rick L Cook		B3	72 1	85 3	17 172	629
B Robert Charles		3	46 7	86 8	18 975	627
Earl Fuhrman		3	92 5	87 5	16,784	625
Woodbine Farms		3	148 8	86 9	16,688	625
Jacob Brubaker		B3	49 6	85 9	18,090	624
Daryl L Bair		G3	37 7	88 7	18 320	624
Smokey Hollow Farm		G3	38 9	89 0	18 103	623
John D Adams		B3	86 6	87 5	16 171	616
Lonnie Robinson		B3	57 3	90 1	17 031	615
Ellis Crowl		B3	82 9	88 9	16 976	613
Hopewell Center Farm		B3	27 3	88 9	16,366	610
Leroy Bupp		3	108 0	87 1	17 540	608
Edwin L Calhoun		B3	54 4	87 7	17,489	607
Hidden Springs Farm		B8	111 1	84 5	15,392	601
Leaspring Farm		3	52 1	85 2	17,685	601
Perrydell Farms		B3	147 7	84 2	16,166	599
Gary W Thoman		B3	53 2	86 1	15,998	598
Double D Farm		B3	105 1	87 0	15,963	597
Walter L Amstutz		B3	45 3	84 3	16,741	596
Rodman C Thompson		3	72 4	83 2	16,323	595
Robert W Mays		B3	63 4	87 4	16,862	593
Phillip D Laughman		3	27 1	87 6	16,484	590
T Edwin Johnson		3	67 4	83 5	15,020	588
J Donnell Taylor		B3	120 3	85 4	16,475	587
William H Fantom		B3	68 9	87 0	16,285	577
Furnace Creek Farm		3	110 6	84 7	15,514	576
David Gemmill		B3	73 9	87 7	15,356	570
Ramsey S Cooper Jr		B3	61 3	86 2	15,937	568
Elvin G Molison		B3	155 8	81 6	16,477	568
Four Co Farm		3	48 1	85 0	15,934	567
Rutter Bros		2	78 8	89 1	11,657	567
Kenneth G Glatfelter		G3	65 7	87 5	16,460	566
Albert Neufeld		B3	116 5	90 6	16,172	566
Leroy Hertzler		B3	31 2	83 8	15,244	565
Dale & Darla Doll		3	69 6	89 6	16,049	563
Barrens View Fm		B3	65 8	90 1	15,672	563
David L & Chris Druck		B3	69 3	79 4	16,743	561
Robt Baumgardner Jr		G3	60 3	86 2	16 592	560
Gum Tree Farm		3	47 3	86 0	16,192	560
Circle Creek Hol		B3	45 7	86 8	14,985	559
Harold Brown		3	66 5	87 7	15,441	559
My-T Farms		B3	47 4	85 6	15,109	558
David V Thompson		B3	82 2	86 8	14,363	558
Bradley Emig		4	38 1	85 6	11,553	558
Eisenhart Bros		B3	94 9	88 1	15,565	553
Wayshar Farm		B3	106 6	87 7	14,850	551
Woodbine Farms						
2		3	9-2	305	23,212	3 4 794
Ruby		3	8 11	305	25,450	3 7 947
ET 4		3	7-6	305	19,096	3 7 704
93		3	6 8	305	18 647	4 0 748
ET 85		3	5 3	305	21 314	3 6 761
ET 136		3	4 4	305	26 112	3 3 851
ET 174		3	3 4	305	18 670	4 3 803
David V Thompson						
188		3	7 2	305	15 960	4 2 664
104		3	0 0	305	19,581	3 9 769
227		3	3 11	305	15,801	4 3 686
228		3	3 9	300	17,565	4 2 730
William H Fantom						
Mildred		3	6 10	305	21,733	3 6 773
58		3	6 6	305	20,828	3 4 700
Heide		3	6 1	305	19,738	3 7 725
76		3	4-8	305	19,748	3 8 751
Mazie		3	3 3	305	16,900	4 4 736
Ellis Crowl						
R 61		3	8 10	305	18,636	3 6 667
126		3	7 11	305	20,682	3 5 734
Donald Lanius						
Maud		2	7 5	305	13,206	5 5 722
Dawn		2	5 9	305	12,823	5 3 682
Sinking Spring Fminc						
Mandy		3	5 6	305	22,019	4 0 889
Marie		3	5-6	295	23,176	3 6 828
Wanda		3	5-1	305	22,711	3 7 838
Tilly		3	4 7	305	22,991	3 5 807
Molly		3	2 11	305	20,379	3 4 696
Michell		3	2-5	305	17,146	4 1 709
Beshore Farms						
Angel		3	7 8	305	28,329	3 0 847
Petunia		3	3-6	305	21,983	3 8 844
Linnan2		3	3-4	305	24,374	4 0 965
Harold Brown						
Korine		3	7 6	305	16,249	4 3 693

(Turn to Page E29)

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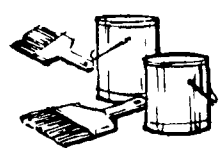

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INTER-STATE IMPCO MILK PRODUCERS' COOPERATIVE

York Co. DHIA

(Continued from Page E28)

Poppy	3	2 4	305	15 796	4 2	669
Leaspring Farm						
Maggie	3	8 9	305	22 409	3 4	752
Purr	3	6 3	305	21,365	3 1	657
Ness	3	6 2	295	19,134	3 5	664
Doug & Gene Kilgore						
April	3	6 3	305	17 036	4 2	709
Thomas A Boyer						
Wonder	3	8 2	305	22,536	3 4	767
Dapples	3	6 3	283	20,067	4 0	805
Eloise	3	5 0	305	22,447	3 8	842
Farrah	3	4 5	305	22,468	3 0	671
Earl Fuhrman						
Vicki	3	15-0	305	21,203	4 0	845
17	3	5 6	222	17,994	3 7	657
91	3	3-5	305	16,321	4 3	706
Furnace Creek Farm						
Lucy A	3	8 2	305	17,197	4 2	724
Lucile	3	7 1	305	23,882	3 4	819
Holly	3	4 11	305	17 536	3 8	669
HS & RE Fetrow						
Barb	3	5 5	305	20,655	3 3	681
Kate	3	5-4	268	21,113	3 6	763
Fayne	3	4 11	298	22,003	4 0	871
Margie	3	3-6	305	26,036	3 4	880
Pebble	3	3 4	305	21,965	4 0	880
Bell	3	4-8	305	27,952	2 6	717
Rodman C Thompson						
Hazel	3	11 4	305	19,490	3 6	710
Twinsky	3	8 10	305	20,221	3 7	746
Lois	3	4-4	305	19,327	3 9	756
Kong	3	4 6	305	19,073	3 7	701
Cora	3	5 11	305	23,194	3 5	817
Dawn	3	3 5	305	20,963	4 0	849
Stump Acres						
Retha	3	7 0	305	23,990	3 4	813
Libby	3	5 10	305	22,416	4 0	888
Janie	3	5-8	305	21,249	4 1	881
Odela	3	5 8	305	19,588	3 7	733
Eve	3	3 11	305	20,369	3 9	797
Jola	3	3 2	305	16,593	4 4	723
Arnell	3	3 0	305	18,897	3 6	687
Omie	3	2 0	305	17,024	3 9	667
Jetlou	3	1 7	305	17,311	3 8	653
Le	3	1 11	305	18,464	3 6	666
Zee	3	1 9	305	15,725	4 4	690
JH & MB Hushon						
126	3	3 8	305	15 791	4 7	739
16	3	2 7	305	17,777	3 7	663
112	3	2 6	305	14,485	4 5	650
Smysers Richlawn Fms						
Deb	3	7 2	296	23,024	3 4	789
Delia	3	3 1	305	18 270	3 9	705
Leroy Bupp						
Bon	3	6 4	305	21 609	3 3	709
Honeybe	3	4 10	305	24 016	3 3	791
Barb	3	3 11	305	22 891	3 0	688
Hidden Springs Farm						
Noel	3	10 4	305	21 308	4 0	855
Logan	3	5 0	283	19 005	3 5	659
Randy	3	5 0	305	16 123	4 1	659
Diana	3	3 0	305	18 001	3 9	708
Emerald	4	3 1	305	13 194	5 1	674
Phillip D Laughman						
Myrtle	3	6 3	305	24 362	3 7	890
Paul R King						
Sadie	3	10 1	294	23 360	3 8	878
Venus	3	4 10	305	20 244	4 1	828
#Snobrd	3	4 1	305	21 313	3 6	769
Robin	3	3 1	304	15,970	4 2	667
Joni	3	3 1	298	16 594	4 2	703
Toni	3	3 6	280	16,660	4 0	671
Sonya	3	3 4	305	16 526	5 1	835
Wayne B Mummert						
100	3	7 4	302	24,995	3 7	924
61	3	7 2	299	22,208	3 6	808
44	3	5 9	277	20,543	3 4	690
6	3	4 2	305	19 629	4 1	806
Desota & Robt Burchett						
9	3	5-9	305	21,275	4 0	848
31	3	3-8	305	17,262	4 1	708
13	3	4-3	305	20,132	3 8	765
Lynn Wolf						
Jackie	3	6 0	301	24,755	3 7	912
Lita	3	3 11	305	24,835	3 5	869
Kate 2	3	7-5	305	19,980	3 8	757
Lana	3	3-0	305	22,099	3 0	659
Ramsey S Cooper Jr						
Carol	3	5 3	305	20,479	3 7	753
Melvin R Lehr						
15	3	8-0	305	20,847	3 5	740
56	3	6 4	285	16,912	4 3	728
Horace E Heindel						
99A	3	4 11	305	21,324	3 5	756
110 B	3	4 9	305	22,414	3 1	686
John H Doll Jr						
Lis	3	7 1	305	17,981	3 7	670
Pearl	3	5-8	305	20,245	3 3	662
Wayshar Farm						
83	3	5 4	305	16,805	3 9	655
Kenneth L Rexroth						
57A	3	7-0	305	22,689	3 3	741
43A	3	4 11	305	17,580	4 1	727
103	3	6-5	305	16,150	4 0	652
10	3	3 3	305	18,539	3 7	688
Donald Wilson						
43	3	8-4	305	19,976	3 7	738
70	3	3 11	305	14,308	4 5	650
Rick L Cook						
70	3	3 1	305	17 763	4 0	716
69	3	3-4	305	20,067	3 7	749
J Donnell Taylor						
Helen	3	6 3	305	23 652	3 3	773
Babe	3	3 6	305	17 794	3 7	667
Elvin G Molison						
140	3	5 5	305	21 013	4 4	926
28	3	3-0	305	18 060	3 7	673
12	3	3 1	305	19 015	3 9	744
Daryl L Bair						
Andrea	3	4 5	305	17 456	3 9	681
Smokey Hollow Farm						
8	3	3 0	305	19 796	3 4	673
Mervin W Hertzler						
Sadie	2	7 0	305	15,583	4 7	728
Sally	2	7 2	305	17,541	4 2	730
Carolin	2	6 7	305	20,988	4 0	837
Paige	2	4 3	305	16,563	5 0	821
Banner	2	3 1	305	14 418	5 2	750
Glory	2	3 1	305	16,835	4 3	730
Gary W Thoman						
Faye	3	7 3	305	18,512	3 9	718
B Robert Charles						
Erin	3	6 4	305	21,954	3 2	701
Harriet	3	3 3	305	22,954	3 5	808
David L & Chris Druck						
131	3	4-6	305	22,204	3 6	809
154	3	3 3	261	17,058	3 9	664
Albert Neufeld						
97	3	3 4	305	18,302	3 6	657
111	3	3 3	305	17,977	4 0	722
36	3	2 6	305	15,754	4 2	668
Robt Baumgardner Jr						
46	3	8 3	277	16,619	4 2	691
Big T Holsteins						
Adell	3	6 3	270	20,543	3 7	758
Margie	3	6 2	305	19,013	3 5	665
19	3	6 2	270	22,442	3 5	778
Jasmin	3	6 5	297	16,910	4 2	715
Champy	3	4 6	305	18,519	4 2	771
Ada	3	3 1	305	23,720	3 2	763
Jacob Brubaker						
30	3	5 10	305	23,073	3 3	756
49	3	4 2	290	22,242	3 3	736
47	3	3 7	305	21,065	3 3	693
Charles Hess						
1	3	8 5	305	18,235	3 9	711
Perrydell Farms						
26	3	3 2	305	21 458	3 8	813
William Druck Jr						
141	3	4 2	305	20,601	3 3	670
David Stewart						
Cass	3	6 7	305	20,897	4 0	830

(Turn to Page E30)

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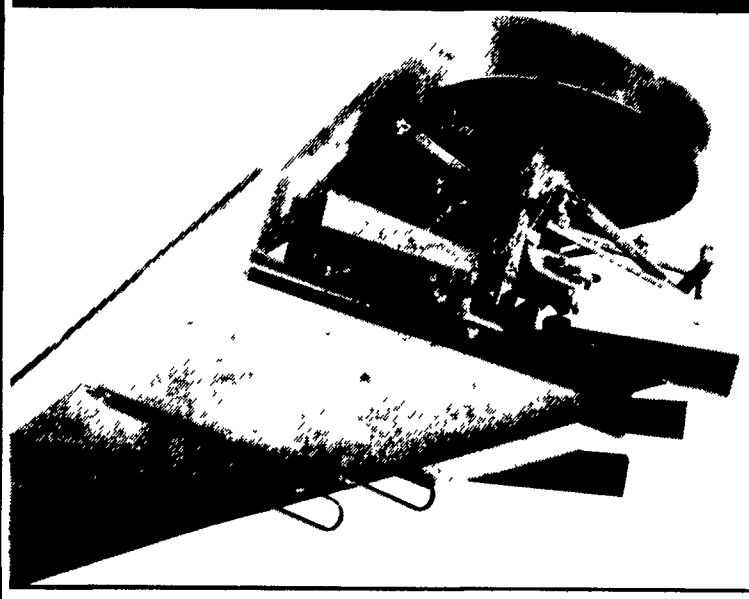
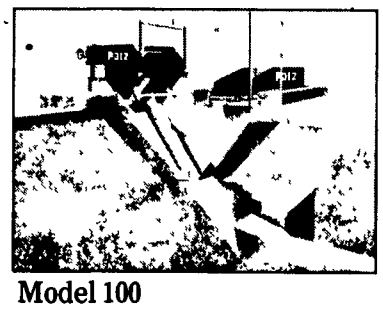
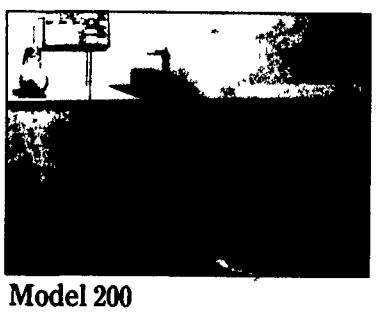


Model 100

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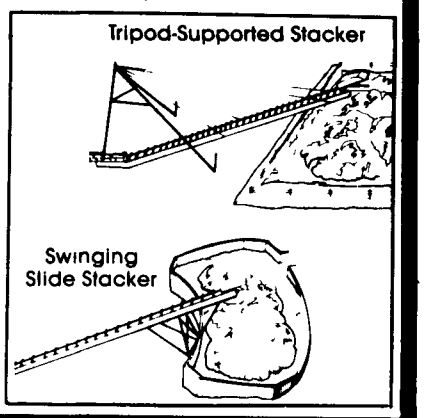

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York Co. DHIA

(Continued from Page E29)

Jute	3	6 5	305	22 305	3 4	753
Walnut Hill Farm						
Hanna	3	2 2	304	15 333	4 3	660
David Gemmill						
135	3	4 6	305	20 039	4 7	941
389	3	4 3	304	19 449	3 5	690
412	3	4 2	305	17 500	3 8	664
Double D Farm						
D 148	3	5 9	305	18,500	3 6	674
172	3	5 0	299	20 156	3 7	745
170	3	4 9	305	20 501	3 2	664
228	3	5 3	276	17 129	4 0	678
Barrens View Fm						
89	3	3 2	305	20,810	3 8	785
John P Bortner						
39	3	6 3	305	18,075	3 9	712
Howard G Taylor						
19	3	8 9	243	15 288	4 4	668
244	3	5 3	294	21,347	3 2	676
Jim&Holly McCaffree						
Brenda	3	7 2	305	22,201	3 2	712
Frolic	3	5 9	305	26,050	3 0	774
Millie	3	4 0	305	22 508	4 3	968
Walter L Amstutz						
Marilyn	3	5 11	305	22 674	3 1	709
Rhonda	3	5 11	301	21 445	3 2	683
Chocola	3	3 6	305	19 603	3 5	678
William Myers						
Candy	3	6 5	305	27 284	2 9	791
Kenneth G Glatfelter						
50	3	6 2	305	16,834	4 1	692
110	3	4 4	282	21 294	3 1	665
Dan & Patti Hushon						
Koral	3	6 6	305	25,771	2 9	752
Annabel	3	4 0	305	19,803	4 0	793
Liz	3	3 0	305	15 973	4 3	694
Leonard Greek						
Spur5	3	7 9	305	25 103	3 2	802
Hopewell Center Farm						
12	3	3 1	305	14 120	4 7	665
Kurt D Pealer						
Bristle	3	5 10	305	24 951	2 9	718
Shelbud Holsteins						
Holdy	3	2 7	305	16 279	4 4	715
Patti Hushon						
Brandy	5	3 10	305	17 485	4 2	731
Melvin & Barb Marks						
Maple	3	4 0	305	19,644	3 8	737
Melan61	3	2 6	305	17,526	4 0	708
James W Miller						
21	3	6 1	305	17 125	3 9	666
Four Co Farm						
Molly75	3	3 7	305	16 816	4 1	688
John Wilcox						
72	3	8 9	305	21 406	3 5	748
30	3	4 0	305	20 223	3 5	715
10	3	3 4	305	22 755	3 5	805
Bald Eagle Farm						
87	3	8 4	305	19 273	3 8	731
31	3	4 3	304	19 218	3 8	730
McRal Dairy Farm						
468	3	7 8	305	18 669	4 4	823
118	3	6 5	305	29 578	2 4	718
192	3	5-4	276	19,163	3 4	656
203	3	5 0	305	27,145	3 3	897
419	3	3 6	294	18 558	3 9	727
William Ruppert						
Liz	3	4 6	305	18 344	4 0	729
Cricket	3	3 0	305	18 249	3 7	670
Jewel	3	7 0	305	20 441	3 4	694
Ida	8	0 0	305	18 997	3 8	729
Speedy	3	3 10	305	20 737	3 2	660

Centre Co. DHIA Report

dhia — Pennsylvania Dairy Herd Improvement Association

Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs Fat
CENTRE COUNTY DHIA November, 1985						
Graham Bros Farm			107	85 6	22,744	825
Valley Wide Farm			82	87 6	21 464	813
Richard Trinca			53	87 3	21 152	782
Fairbrook Farms			95	88 3	20 295	758
Jay Houser			71	87 8	20,167	753
Joseph Hartle Jr			70	87 6	19,706	726
Evan & Ricky Homan			59	85 9	19,728	723
Stringers Sand Ridge			66	86 7	18,633	719
Franlo-Alken Farms			35	88 8	20,463	716
Penn State University			125	86 2	19,768	715
Paul Hartle			40	87 3	20,283	714
Bruce E Ulmer			62	89 1	20,311	703
L Thomas Musser			45	86 6	18,868	701
John Ishler			70	86 5	19,324	693
Fred O Benner			119	89 1	18 351	692
Carl R Gates			41	87 9	18,806	688
Rodney D Reese			107	87 6	18,389	681
Penn State University			11	86 3	14,037	680
James E Rider			92	86 6	18,410	679
Mingo Meadow Farms			68	84 4	18,968	670
Lynn & Margaret Neer			78	86 6	18,636	669
Reesebrook Farms			109	87 2	18,099	667
Donald R Bierly			68	88 8	17,928	664
Henry M Glick			43	86 9	17,094	658
Barry Kerstetter			72	88 2	19,018	655
Peters Farm			55	88 3	17,772	655
Paul Douglas Vonada			58	87 4	17,121	655
Jesse & Mary Burkholder			39	87 9	18 717	654
George & Ron Zimmerman			33	91 3	17,706	652
Thomas E Ault			60	91 1	18,807	652
L & R Hough			51	87 4	18 928	652

During the month there were 127 herds with 7 212 cows processed in the D H I A program, according to Alan P Kozak, County Agent Production ranged from a high of 60 7 pounds of milk, testing 3 7 percent fat to a low of 17 9 pounds of milk, testing 4 9 percent fat

In the owner sampler program there were 20 herds with 748 cows being processed The herds ranged from a high of 79 2 pounds of milk, testing 3 4 percent fat to a low of 24 8 pounds of milk, testing 3 8 percent fat

The ten high individual cow actual production records in D H I A produced on a two times a day milking in 305 days or less (unless otherwise indicated) were in the following herds

Fairbrook Farms	31,523	3 6	1141
Evan & Ricky Homan	27,478	3 6	995
Boob Brothers	23 527	4 2	983
Valley Wide Farm	22,466	4 3	973
Graham Bros Farm	26 628	3 6	963
Fairbrook Farms	27,687	3 5	961
Penn State University Herd 185	28,039	3 4	960
Valley Wide Farm	24,844	3 8	946
Fred Benner	23,224	4 1	946
Ralph Wheland	19 436	4 8	941

NOTE. ALL ANIMALS AND HERDS ARE HOLSTEIN UNLESS OTHERWISE NOTED

The high goat herds for the month were

Sinking Springs Farm	8 1	4 3R
Li Von Farm	2 1	4 0R

Crawford County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

CRAWFORD COUNTY DHIA November, 1985				
Queens Manor Holsteins	RH	21 8	22 257	837
CaRosa Guernseys	R&CG	16 3	17 665	820
Jeffrey Raney	R&GH	42 8	22 202	800
Helen Anthony	R&GH	66 8	21 196	780
Alan & Rhona Custead	R&GH	71 9	19,360	755
Black Pond Farms	RH	92 1	21 502	755
Richard M Lyons	RH	19 0	21 049	736
Stain Brook Farms	R&GH	48 8	20,472	729
Richard L Black	RH	49 0	20 116	727
Tom & Libby Wilson	RH	16 8	19,667	722
David R Reusing	RJ	23 4	16 296	717
John Tautin Sr	R&GH	41 0	18,977	706
George P Simcheck	R&GH	49 5	17 532	700
Ernest Oakes	R&GH	89 5	21 279	693
O Darlan Farm	R&GH	47 4	19,253	687
Lee Bryer	R&GH	30 8	19,601	685
Dale Home Farms	RH	33 1	18,295	684
Loren Mitchell & Son	RH	52 8	18,850	680
Morrell Farms	RH	93 7	19,087	674
Stanley Bradshaw	R&GH	52 1	18 558	674
James R Davis	R&GH	20 0	18 796	673
Spruce Row Farms	RJ	56 8	14 328	672
A&B Dairy Farm	R&GH	61 7	20,497	668
Wil Aire Farm	RH	55 4	18,015	667
Slusser & Naugle	RH	57 5	18,927	666
GL & SL Foster	R&GH	42 3	17 576	660
Neil J Dearborn	GH	43 1	19 420	656
John J Kapanick	R&GH	60 1	17 591	652

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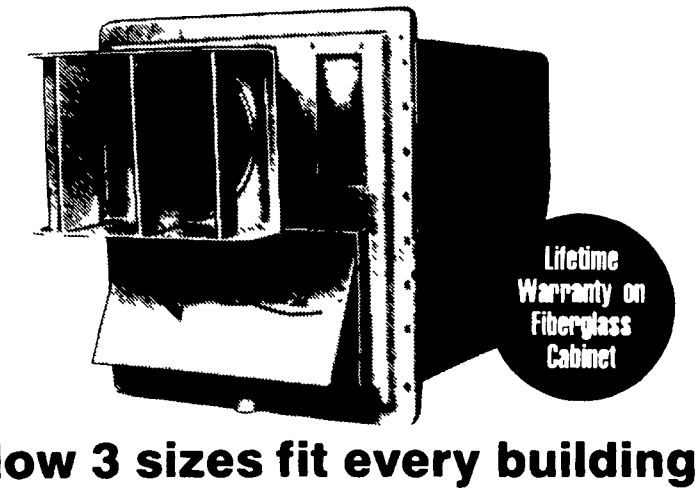

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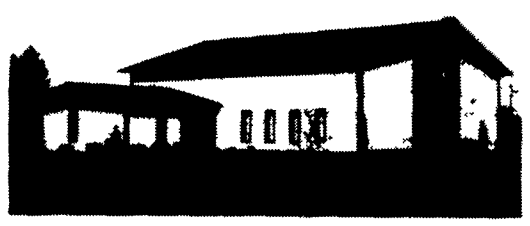

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'Awesome' showman excels with beef, sheep and swine

BY JOYCE BUPP
Staff Correspondent

WINDSOR – Ease of handling is what enticed John Eaton into showing his first 4-H market lambs. Now, after just three years as a shepherd, the 16-year-old is snagging awards at not only local, but national levels for his sheep-production abilities.

As one of York County's Farm Show youth exhibitors, Eaton has entries lined up in both Suffolk and Dorset breeding categories, market and carcass lambs, and a steer packing plenty of showring potential.

Eaton has been a familiar face around York County beef shows for several years, after entering his first 4-H animal as a nine-year-old rookie. It's been a successful project, earning the Red Lion High School junior several championship ribbons over the past few seasons.

But three years ago he opted to diversify his livestock activities, adding the more maneuverable market lambs to heavyweight steer projects. Dorsets and Suffolks were the breeds of his choice, favored for their own type characteristics as well as useful qualities for crossbreeding.

"The Suffolks have the size and the Dorsets the meatiness," claims Eaton. "Those two characteristics make a good cross for market lambs."

Market lambs headed for the 1986 Farm Show, though, will be purebred Suffolks, with hopes for possibly a repeat on an earlier Suffolk success story. In November, during the KILE Harrisburg event, his Suffolk market lamb tale finished with a surprise ending.

Taking a placing of 27th out of a class of 32 market lambs at KILE, Eaton left the show, headed for the Kansas City FFA convention, in disappointment over a lamb he had anticipated would make a better showing. In fact, until he had handled the lamb, the KILE judge had initially put Eaton's animal next to last.

While the young man was at the national FFA meet, the lamb went to slaughter for the carcass portion of the judging. Eaton arrived back home to discover that his 27th place lamb had been selected champion on the rail. That award put $300 cash in his pocket, along with a plaque, temporary guardianship of the revolving trophy, plus a smaller replica for his permanent collection.

It made a suitable finish for a week in which the state FFA livestock judging team, of which he'd been part, had taken a bronze placing at nationals, while Eaton had won a silver medal for his own efforts.

Foundation animals for his winning Suffolks came from Richard Ebert's Pine Haven Farm at Newville, and from central Pennsylvania breeder Max DeHart. Additional bloodlines recently acquired from a Vermont Suffolk breeder promise high hopes for future shows.

Eaton's Dorset showstring is homebred and owned, with the exception of a ram purchased from breeder John Trostle of Thomasville.

With limited space on their three acres, the Eaton's have built the flock to about 15 ewes, raising some two dozen lambs this past year. While the numbers may be limited, quality comes through at ringside. In 1983, Eaton had one of the county roundup champions, and just this past season, exhibited a reserve champion pair. In addition, he was named this year's champion showman.

"I like working with steers a lot," says this busy young man, who walks his entry a mile every day. "But the sheep are less work once you get to the shows. You can fit them once and then they're pretty much finished."

Eaton will split his Farm Show work time between his nine sheep and "Awesome," his tall, powerful Angus-Chianina steer. The growthy crossbred was acquired through the November 1984 club calf sale held annually by the Donald Walter family, source of most of Eaton's winning project beef animals.

"Look for a calf with the correct structure, stylish and thick, but not carrying a lot of extra skin in the brisket and dewlap areas," advises Eaton on what he critically eyes when selecting project calves. Then, the weanlings go home to a diet of corn, oats and Calf Manna, served up with double slabs of mixed hay.

York County exhibitor John Eaton believes that his Angus-Chianina steer named Awesome is one of the best he's ever had.

Eaton's success with his calves is impressive. Starting out in 4-H at age nine, in 1979, Eaton claimed the York Fair championship the following year. In 1982 it was a win at the roundup, 1983 followed with his snagging top ribbon's at the 4-H fair, York Fair and the roundup, and a repeat again the next year with a full brother to the steer of the previous season.

The 1982 championship was an especially piognant one for then 13-year-old, and for nearly everyone else at the sale that followed. Eaton had just undergone serious but successful leg surgery in the days immediately before the roundup. When his steer was slapped as champion, his parents, John Sr., and Janet, won the surgeon's approval to bring John, via a wheelchair, into the ring as his champion went across the auction block as the sale opener.

Now John's looking toward another livestock challenge after stumbling successfully into the hog business. When a market hog he purchased for butchering looked impressively stylish, he entered it in the Maryland State Fair at Timonium. The hog caught the judge's eye, won its class and then sold for $1.75 to Hatfield Packing, earning the youngster a quick $402 in the sale ring, plus a $40 class cash prize.

This young man's livestock activities go well beyond accomplishments on the tanbark trail. He is currently president of both the York County 4-H beef club and his Red Lion FFA chapter, as well as vice-president of the county's 4-H sheep club. Eaton also participates in livestock judging in both FFA and 4-H, and carries projects covering the range of livestock in both youth programs.

John's breeding sheep get an extra measure of chow in the final days before Farm Show gets underway.

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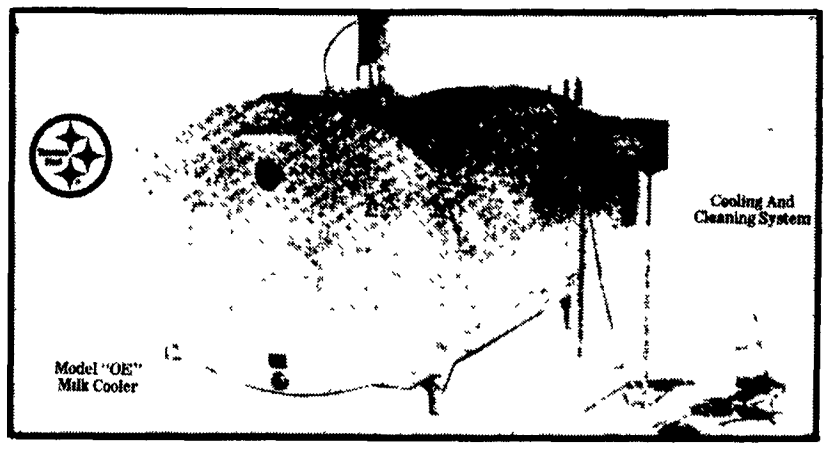

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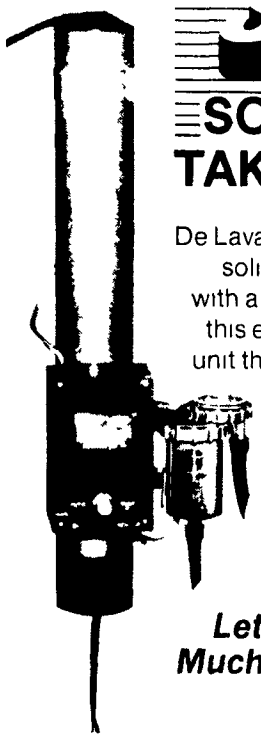

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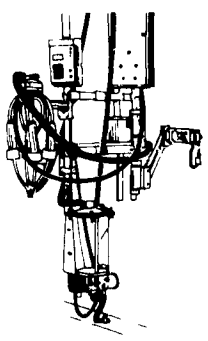

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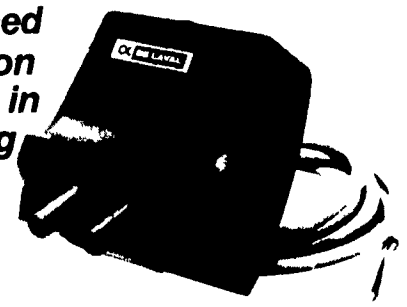

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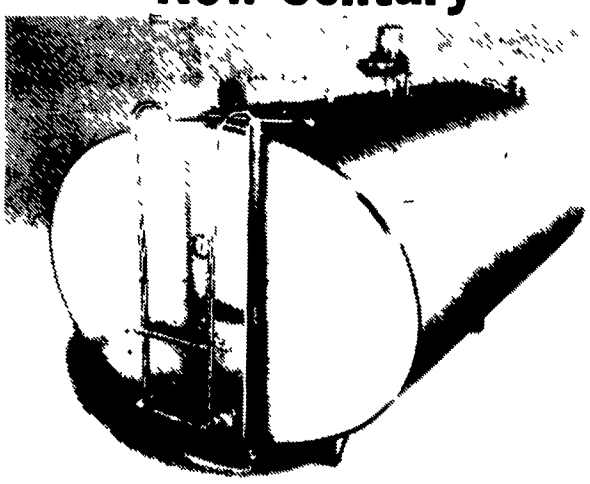

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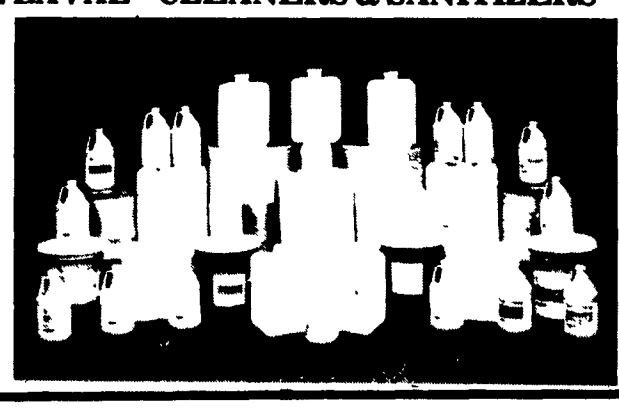

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Lebanon County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

LEBANON COUNTY DHIA
November, 1985

Donald G Hoffer	3	43 3	87 6	19 816	749
Hoover Farms	3	129 7	86 3	20 656	746
Willow Maple Farms	3	45 9	90 4	20 636	746
Irvin Z Brubaker	B3	50 6	87 9	20 245	746
Marvin K Meyer & Sons	B3	89 7	90 6	19 409	732
David Brandt	3	73 6	87 5	21 000	729
Arnold Acres	3	112 8	88 0	19 582	726
Roy H Weaver	3	53 8	88 4	20,096	725
Gary Mase	G3	31 8	85 4	19,806	719
Dale Hostetter & Sons	3	99 1	84 8	18,730	718
Ferndale Farms	3	76 9	83 2	18,787	713
Fort Zeller Farm	B3	50 0	85 4	19,270	711
Gary Lentz	3	72 1	87 5	19,700	707
Kenneth Mase	B3	96 4	87 7	18,600	702
Robert Martin	B3	52 0	89 8	18,328	699
Mark C Patches	B3	105 0	88 2	18,038	693
Melvin M Nolt	B3	61 6	85 9	17,594	691
Glen R Martin	B3	37 4	87 9	20,256	691
Robert B Smith	2	70 6	86 1	14,007	687
Walter K Heisey	B3	59 0	89 8	19,398	686
Arthur R Krall & Son	3	67 8	85 0	18,881	685
Wernerway Farms	B3	132 9	87 8	18,662	678
Lloyd Burkholder Jr	B3	53 7	82 4	18,899	678
Richard & Ronald Shirk	3	73.3	88 0	18,816	676
David Weaver	B3	41 5	88 4	19,802	674
Harvey T Bomgardner	3	96 9	87 1	18,408	674
Roy E Nolt	B3	64 8	83 9	18,678	672
Sonnen Acres Farm#1	B3	51 1	84 1	18,459	670
Reuben O Martin	B3	72 1	86 3	17,976	669
Kenneth I Sellers	3	64 3	86 1	17,769	666
Phares Z Musser	3	84 9	86 0	17,244	665
Eugene Gingrich	B3	36 2	87 0	18,357	659
Raymon & Marlin Getz	3	56 8	81 5	17,409	659
Clyde E Deck	B3	67 6	87 7	19,046	659
Jay & Carol Hershey	3	42 8	86 5	20,122	658
Marlin D Heisey	B3	50 3	84 8	18,908	658
Richard L Heilinger	B8	13 5	87 5	18,158	657
Kirby L Horst	3	47 2	84 0	17,152	657
Vincent A Wagner	3	53 4	83 2	17,588	655
Enos N Leinbach	3	31 0	93 0	16,515	654
Sonnen Acres Farm#2	3	67 0	85 0	17,937	653
James Z Brubaker	B3	54 1	85 9	19,551	649
Luke Brubaker	B3	54 9	88 8	18,065	644
Leon Burkholder	B3	47 6	89 7	18,568	644
M Luther Bennetch	G3	70 7	86 2	17,196	641
San Bo Holsteins	B3	64 8	88 3	17,241	640
Earl Smith	3	60 7	87 6	17,894	640
Lester Martin	B3	63 6	88 4	17 526	640
Lynn W Moyer	B3	62 8	84 8	17 280	640
Philhaven Farm	3	96 1	88 5	18 044	639
Mark H Bomberger&Son	B3	78 3	87 7	17 268	635
Twin Maple Farm	B3	50 8	86 7	16 801	633
Mervin W Horst	3	50 8	85 6	17 237	633
John Brubaker	B3	55 6	89 6	17 982	631
Gary Lee Mase	5	34 5	85 7	15 526	630
Raymond K Martin	B3	50 5	86 3	18 441	630
Lloyd S Newswanger	B3	75 4	85 8	17 581	630
Dennis Wampler	B3	89 4	87 3	17 768	628
Louis E Martin	B3	43 4	85 3	18 225	626
Harvey E Bomgardner	3	76 0	87 3	17 060	623
Eugene Martin	B3	87 8	86 6	17 544	623
Hershey Bare	3	90 5	86 3	16 261	621
Ma Mi Me Farms	B3	77 6	85 6	17 529	619
Willis Good	B3	61 9	85 7	17 455	613
Alvin & Marian Martin	B3	60 8	83 9	17 968	610
Clifford+Fay Berger	B3	56 1	83 1	16 011	609
Gerald W Martin	G3	51 5	88 4	18,282	608
Richard Batz	3	31 9	86 3	16 456	607
Galen Bollinger	B3	136 8	89 7	17 608	606
Daniel B Shirk	3	38 6	88 0	17 706	603
Irvin & Ella Martin	B3	63 4	84 8	16 570	603
Ernest P Detweiler	B3	50 9	84 6	17 890	603
Ernest Wagner	3	38 9	85 9	16 578	602

Robert B Smith							
60	2	7 0	305	16 026	5 5	886
79	2	6 6	305	17 677	4 9	868
29	2	3 11	303	15 680	5 2	811
Kenneth I Sellers							
Fran	3	5 4	305	21 161	3 8	811
Willow Maple Farm							
Starlu	3	7 7	305	26 386	3 1	830
Ann	3	4 10	305	24,001	3 5	847
Lassie	3	4 6	305	24 127	3 5	847
Ferndale Farms							
Lanna	3	3 8	305	20 927	4 0	845
David Brandt							
96	3	5 5	305	23,678	3 6	846
75	3	4-3	303	27,592	2 9	800
6	3	3 3	305	25,178	3 5	886
Harvey T Bomgardner							
Dorothy	3	3 2	305	19,806	4 3	860
Marvin K Meyer & Sons							
Polly	3	7-5	305	21,872	3 8	824
Carmel	3	7 3	305	20,175	4 5	917
Taffy	3	4-8	305	24,471	3 6	884
Nig	3	5-2	305	24,273	3 5	857
Trudy	3	5-0	305	26,777	3 6	963
Jane	3	4-4	305	23,070	4 3	986
Rita	3	4 0	305	22,854	3 8	863
County-Line Farm							
20E	3	9 1	305	18,193	4 5	812
27E	3	5 5	305	20,199	4 0	811
M Luther Bennetch							
Elaine	3	4 11	287	21 380	4 2	899
Richard & Ronald Shirk							
Bell	3	7 11	305	22,991	3 5	813
San Bo Holsteins							
Polly	3	4 5	305	22,261	3 9	864
Mark Copehaver							
74	3	6 9	305	22 704	3 7	829
Kirby L Horst							
Barbara	3	10-4	305	21,227	4 0	839
Jere	3	5 11	305	23,828	3 9	923
Clyde E Deck							
31	3	11 3	305	20,673	3 9	804
33	3	8 7	305	23 670	3 4	812
Mark C Patches							
74	3	5 0	305	22 411	3 7	834
Daniel B Shirk							
Bobsy	3	6 6	305	23 128	3 8	878
Reuben O Martin							
Angie	3	7-8	305	21,374	3 9	835
Damask	3	5 11	305	25 890	3 1	804
R&E Farms							
93	3	10 2	305	19 451	4 2	814
Arnold Acres							
Apricot	3	8 8	305	20 136	5 0	1007
Philly	3	3 10	305	22 255	3 7	826
Merry	3	3 1	305	21 618	4 6	994
Amber	3	3 3	305	26 457	3 3	876
Donald G Hoffer							
84Y	3	4 8	305	24 251	3 5	851
Mervin W Horst							
27	3	9 11	305	21 784	4 5	978
John Brubaker							
22	3	5 8	305	23,724	3 4	814
39	3	5 4	305	21 205	4 2	893
Walter M Martin							
10	3	6 3	305	22 104	3 8	837
Vincent A Wagner							
19	3	3 11	302	19 431	4 1	805
Meadow Wood Farm							
141	3	5 4	305	25 416	3 3	844
Hollow Pride Farm							
25	3	8 2	305	22 336	4 1	926
Philhaven Farm							
21	3	7 9	305	26 241	3 4	891
Lloyd Burkholder Jr							
32	3	7 1	292	27 028	3 5	945
David E Zimmerman							
13	3	7 1	305	23 484	3 4	802
Marlin D Heisey							
9	3	4 8	305	20 719	4 2	865
Walt	3	4 2	305	24 670	3 3	817
Raymond K Martin							
Julie	3	4 10	305	21 800	3 7	814
James Z Brubaker							
97G	3	3 4	305	25 476	3 4	874
Irvin Z Brubaker							
191	3	10 2	305	23 039	3 8	866
16	3	7 2	305	25 866	3 6	943
92	3	5 4	305	25 703	4 0	1030
Dale & Darlene Bucher							
8E	3	8 11	305	20,440	3 9	807
Gary Lentz							
Dell	3	5 4	305	20,997	4 1	853
Elvin Martin							
33	3	5 7	305	26,096	3 7	968
Clifford & Fay Berger							
Viola	3	7 3	305	21,711	4 6	988
Diann	3	6 3	305	19,889	4 0	805
Earl Smith							
Kim	3	3 6	305	27,116	3 3	893
Sonnen Acres Farm#2							
Hum	3	7 4	305	19 337	4 4	850
Sonnen Acres Farm#1							
Cam	3	6 9	305	22 296	4 0	893
Angelo	3	3 4	305	20,276	4 4	897
Ivan Hanson							
22	3	5 11	305	18,182	4 5	827
Jay & Carol Hershey							
Bellevu	3	6 9	272	21 755	3 9	845
Hoover Farms							
Heidi	3	9 10	305	33,138	3 6	1182
Laddy	3	6 5	294	21,688	3 9	835
Clara	3	4-4	305	23,598	3 7	869
#Vera	3	2 11	305	20,791	3 9	807
Ma Mi-Me Farms							
Dandy	3	4 0	305	24,751	3 7	909
Ivan Hanson							
25	3	3 11	305	21 933	3 7	806
Robert Martin							
Queen	3	7 3	305	21 123	4 3	901
Wendy	3	4 9	305	25 441	3 3	836

(Turn to Page E35)

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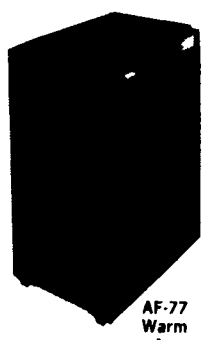
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Lebanon Co. DHIA

(Continued from Page E34)

Kenneth Mase						
Val	3	4 11	305	23,811	3 9	930
Phares Z Musser						
23	3	5 1	305	20,930	3 9	822
15	3	4 7	305	20 896	3 9	822
Harvey E Bomgardner						
40	3	9 2	303	20 901	4 1	856
Wernerway Farms						
81W	3	5 4	305	21 377	3 8	803
108W	3	3 4	305	20 517	4 0	813
Raymond & Marlin Getz						
Twinkle	3	9 6	305	23 584	3 5	831
Darcie	3	3 H	305	22 719	3 9	897

dhia Pennsylvania Dairy Herd Improvement Association

Sulbra DHIA Monthly Report

SULBRA COUNTY DHIA
November, 1985
ROLLING HERD AVERAGES

Richard R Higley	3	88 1	86 3	17 680	722
Raymond Norconk	3	40 7	88 2	19 421	712
Bobwood Acres	3	48 0	87 4	19,849	702
Lambert Farms	3	126 1	90 1	18,008	678
William B Hart	3	76 1	90 0	17,671	667
Joan M Woodhead	3	30 3	85 6	17,209	654
Ronald Hembury	3	92 0	87 3	16 800	654

COMPLETED LACTATIONS OF 500 POUNDS OR MORE OF BUTTERFAT

Raymond Norconk						
Willow	3	7 1	305	24 165	4 0	968
Lottie	3	8 7	305	20 569	4 0	832
Perr	3	10 2	305	18 611	4 1	758
Ronald Hembury						
Queene	3	6 10	305	26 763	3 5	941
Smiley	3	5 10	305	21 713	3 8	827
Bobwood Acres						
Laverne	3	6 8	305	26 945	3 4	908
Earl & James Warburton						
Jada	3	5 10	305	20 110	4 2	849
Richard R Higley						
Selina	3	5 6	305	20 381	3 9	797
Les	3	6 6	305	16 577	4 7	771
Nigeria	3	3 3	305	22 111	3 5	767
D and D Hottenstein						
Lorali	3	4 1	305	20 823	3 8	789
Tavia	3	3 2	305	16 416	4 6	760
Lambert Farms						
Hazel	3	4 0	305	19 555	4 0	775
Florenc	3	6 2	305	17 953	4 3	770
Nip	3	4 1	305	18 761	4 0	755
William B Hart						
80	3	3 10	305	19 930	3 8	757

dhia Pennsylvania Dairy Herd Improvement Association

Franklin County DHIA Monthly Report

FRANKLIN COUNTY DHIA
November, 1985

R V & S V Hollenshead	B3	32	23 816	782 R
White Mar Farm				
88	GH	3 11	305	29 076	3 6	1035
William C Ile						
Missy	RH	9 03	305	27 296	3 6	979
Blaine Brechbill & Son						
14	GH	5 08	305	20 024	4 8	968
Edwin R Eby						
31	RH	5 11	305	24,678	3 9	962
Alvin Meyers						
Jan 56	RH	3 03	305	22,804	4 1	942
H C Gabler						
1989	RH	6 11	305	23 864	3 9	936
R V & S V Hollenshead						
Magic	RH	5 03	305	27 015	3 5	935
Walnut Lane Farm						
Mona	RH	8 01	305	18 726	5 0	932
Twin Maple Farms						
1	RH	5 00	305	20 379	4 6	928
Ivan E Martin						
1	GH	5 01	305	22,443	4 1	924
R C & J R Shoemaker						
Lou	RH	5 06	305	27 307	3 4	920
Richard Harshman & Son						
Dedee 7	RH	5 09	305	21 918	4 2	918
Kenneth E Oliver						
Sammi	RH	6 05	305	24 378	3 8	918
William C Ile						
Astra	RH	4 08	305	29 056	3 1	914
Oakleigh Farm						
Tress	RH	3 11	305	20,209	4 5	913
Ray & Roger Garber						
65	RH	4 03	305	19 728	4 6	913
Walter N Ocker						
Elsie	RH	3 07	300	24,116	3 8	906
Ray Wingert						
55	RH	4 07	305	21 572	4 2	897
Joseph S Middour						
Terri	GH	9 05	305	19 483	4 6	890
Richard Harshman & Son						
Lizzie	RH	5 01	305	24 177	3 7	890
R C & J R Shoemaker						
Ann	RH	3 05	305	19 929	4 5	887
Howard & Steve Mellott						
13	RH	2 11	305	22 445	3 9	883
Harold R Burkholder						
8	RH	5 11	305	22 017	4 0	879
Mark W Meyers						
119	RH	4 05	305	19 016	4 6	879
Ted Acres Holsteins						
61	GH	4 06	305	20 776	4 2	878

Seedway adds three new hybrid storage cabbages

HALL, NY – SeedWay, Inc. and Bejo Seed have introduced three new hybrid storage cabbages from Holland for 1986.

Zelinia F1 is a late, round, high yielding long storage cabbage. It is noted for its sweet flavor and Thrip tolerance.

Brutus F1 is a main season storage cabbage. Brutus has a flattened round head and is noted for its Thrip and Greyspech tolerance.

Lennox is an early main season long storage variety. Noted for its ability to produce uniform heads under high density plant populations.

SeedWay is an exclusive distrbutor for Bejo seed in the Northeastern United States. These new introductions will enhance the Bejo line which is currently the line of choice by most cabbage growers in the region.

For further information, contact Pete Hall at SeedWay, Inc., Hall, New York 14463. Phone 716/526-6391.

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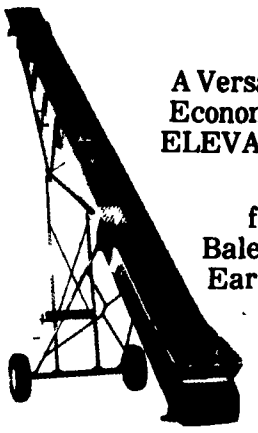

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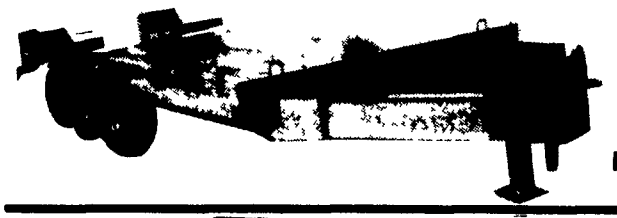

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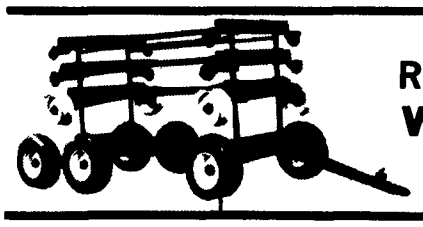

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What does '86 have in store for dairymen?

COLLEGE PARK, MD — The dairy farm industry continued to be affected by the broad regional and national market demand and supply forces together with federal government supply adjustment and price support programs in 1985.

Consolidation of the production sector into fewer but larger dairy herds has been accompanied by actual and potential mergers in the numbers of milk processing plants serving the whole Northeastern region.

Total production of milk in 1985 has increased in Maryland, New York, Pennsylvania and Vermont, the four leading Northeastern milk producing states. Increased production has resulted from higher average levels of output per cow as well as increased numbers of milk cows on farms.

The Maryland farms with herds of 50 or more dairy cows now account for 50 percent of the dairy farms but they report 86 percent of the milk cow inventory.

Dairy farms with 100 or more milk cows reported over 50 percent of the milk cow inventory on slightly less than 20 percent of the Maryland dairy farms or approximately 400 farms.

A typical 100-cow dairy farm with approximately 300 crop acres and 50 or more replacement heifers being grown out to freshing utilizes nearly three man-equivalent of farm labor. This results in average labor intensity ratios of over 33 cows per worker and nearly 100 crop acres per worker.

However, some Maryland dairy farmers with 100 or so milk cows are being operated with only two man-equivalent of farm labor. This results in average labor intensity ratios of 50 cows per worker and 150 crop acres per worker.

This type of adjustment has occurred in Maryland dairying since the 1950's as dairy farmers sought to increase their net farm incomes and restrain increases in average total costs of milk sold to dairy processing plants.

Economic and financial survival during the 1980's and into the 1990's will require a continued focus on cost reducing practices and adjustments as has been the case since average blend milk prices stopped increasing in 1981.

The labor costs per unit of dairy farm output have been lowered or restrained in recent years by increasing the amounts of digestible nutrients produced per worker from the cropping system and the amounts of milk sold per worker from the dairy enterprise system.

In the short-run, increased crop yields per acre and increased pounds of milk sold per cow have been the most profitable response for Maryland dairy farmers to make.

However, in the long-run, changes in farm plant and equipment with increased crop acreages rented or purchased and with increased numbers of milk cows have been major sources of dairy farm productivity and profitability gains.

High interest rates on loans available to dairymen have curtailed the trend toward herd consolidations which result in improved labor efficiency and capital efficiency.

Lower feed prices in 1985 and expected in 1986 will enable Maryland farmers to feed their milk cows more effectively and more profitably than would have occurred with high feed prices and values.

Nationally, an average 1984 commercial dairy enterprise with a herd of 60 dairy cows and 12,495 pounds of milk per cow generated a return above cash expenses and replacement costs of nearly $15,100. The deterioration in external economic conditions impacting on the dairy farm is demonstrated by a higher return of almost $23,000 in 1981 for a 53 cow herd producing an average 12,183 pounds of milk per cow.

Therefore, the rise in total enterprise output between 1981 and 1984 was not large enough to offset the price-cost squeeze dairymen found themselves in during 1985.

The continued financial squeeze is expected in 1986 and beyond as dairy production is brought into better adjustment with the existing and potential wants and needs of consumers with the abilities to purchase and satisfy those needs.

Maryland commercial dairy herds averaged larger in size and output per cow during this 1981-85 than the U.S. average. However, the price-cost squeeze has had a major impact on net reutrns above cash expenses and replacement costs. Farmers with excessively high debt to asset ratios will continue to be under financial pressure in terms of cash flow generation required to handle debt servicing requirements.

The federal milk diversion program was temporarily successful in reducing national milk output, but milk production rates are now higher than 1983 rates and milk price supports have declined by $1 per cwt. since March 1985.

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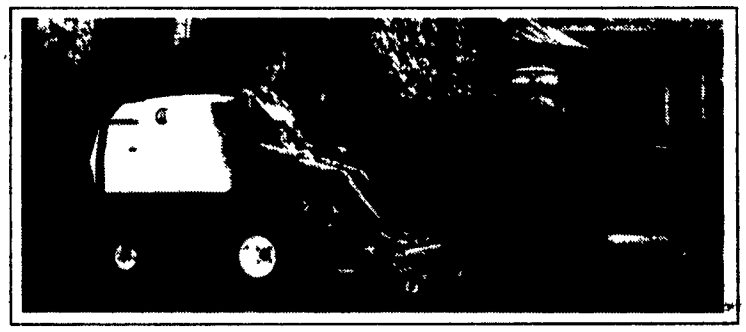
Walker Mows Fast, Easy and Beautiful

WALKER

A NEW BREED OF MID-SIZE MOWER DESIGNED FOR THE LAWN CARE PROFESSIONAL MOWING LANDSCAPED AREAS



Mows Fast because tractor maneuvers quickly with dual hydrostatic ground drive and lever steering Many Walker mower owners are reporting their job time is cut 1/3 to 1/2

Mows Easy with only fingertip pressure required on control levers to steer and maneuver Comfortable operator seating excellent visibility and convenient control location reduces operator fatigue

Mows Beautiful because front mounted deck, flexible deck suspension and medium lift blades with center overlap provide smooth cutting action The GHS vacuum thoroughly picks up grass clippings for a neat clean appearance

- **Quick, easy maneuvering without gear shifting**
- **Zero turning radius steering**
- **36 or 42-inch cut**
- **Front mounted deck for unobstructed trimming**
- **Internal grass catching system**
- **Compact overall size for maneuverability**

Good's Store

Rt 23, ½ Mile East of Blue Ball
Phone (717) 354-4026
Hours 9 AM 9 PM Tues & Sat 9 AM 5 PM
Closed Sunday

AT LAST!!
A Truly Dependable
WORK WATCH!
Rugged metal case, tough lucite crystal, full numeral dial with sweep second hand and calendar.

WATER RESISTANT!
SHOCK RESISTANT!
...And, best of all
IT'S LORUS QUARTZ!

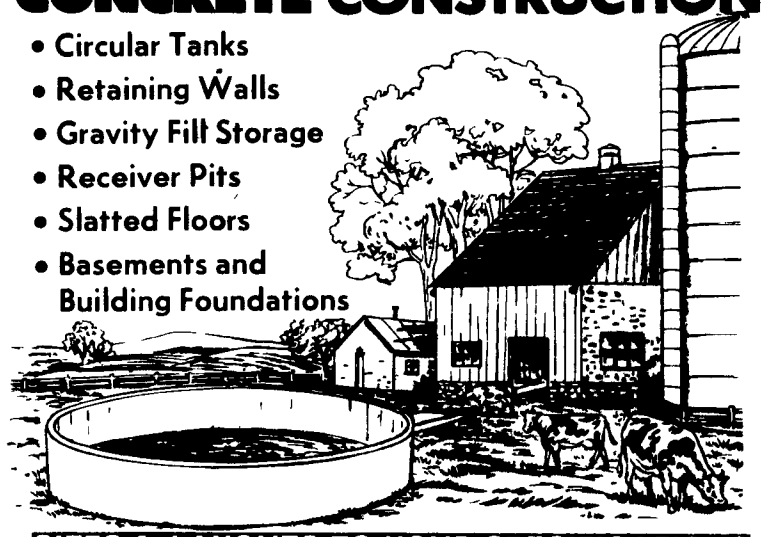
Send Name, Address And Check To Address Below

Add 75¢ postage and handling PA residents add 6% sales tax

HEISEY JEWELERS
5 N. Main St.
Manheim, Pa 17545

POURED REINFORCED CONCRETE CONSTRUCTION

- Circular Tanks
- Retaining Walls
- Gravity Fill Storage
- Receiver Pits
- Slatted Floors
- Basements and Building Foundations



SIZES & LAYOUTS TO YOUR SPECIFICATIONS

We are qualified to handle any poured concrete job you may need. We use a practical aluminum forming system to create concrete structures of maximum strength and durability. For a highly satisfactory job at an affordable price, get in touch with us.

POURED FOR DURABILITY

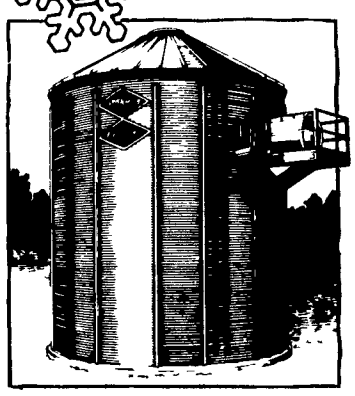
Groffdale concrete walls, inc.

BRICK CHURCH RD LEOLA PA 17540

FOR SALES & LAYOUT CONTACT
GROFFDALE POURED WALLS (717) 656-2016
JAKE KING (717) 656-7566

Winter Discounts!

One More Way To Save With Stormor's EZEE-DRY®



EZEE-DRY is your best value in grain drying systems anytime

- Energy efficient, low cost operation
- Field proven — more than 9,000 installed
- Stores up to 22,000 bu
- Drying capacities to 1,000 bph at 10 pts removal
- Batch or continuous flow models

But now, with a Stormor Winter Discount, the EZEE-DRY is an even better value
See us today for a free, no-obligation quote

EZEE DRY U S Patents 3 479 748 3 501 845 4 035 928 3 943 636 and 3 849 901 Canadian Patents 1 017 559 913 362 and 897 958

STORMOR

Save Now...And For Years To Come!

LOUCKS GRAIN EQUIPMENT, INC.

RD #12, Box 307
York, PA 17406
(717) 755-2868

Manufactured by Stormor Inc Fremont Nebraska

* All Clothing Free From Armstrong - Not Mummau Tire

FREE ARMSTRONG JACKET

With Purchase Of 2 Rear Farm Tires During Farm Show Week!

FREE ARMSTRONG CAP

With Purchase Of 2 Front Tires or 2 Wagon Tires During Farm Show Week!

ARMSTRONG
WE GO THE EXTRA MILE

SPECIAL OFFER

ON ARMSTRONG RADIAL FARM TIRES

Loader-Dozer

Free Jacket When You Buy A Pair!

★ **TUBELESS** ★

16 9x24 8 ply -	$265.00
16 9x24 10 ply	$330.00
17 5Lx24 6 ply	$240.00
17 5x24 8 ply	$270.00
15 5x25 12 ply -	$320.00
17 5x25 12 ply -	$445.00
19.5Lx24 10 Ply	$359.00
18.5Lx24 12 Ply	$359.00
21Lx24 12 Ply	$465.00

★ **TUBE TYPE** ★

14 9x24 6 ply -	$200.00
14 9x24 8 ply -	$220.00
16 9x24 6 ply -	$220.00
16 9x24 8 ply -	$235.00
16 9x24 10 ply -	$280.00
17 5Lx24 8 ply -	$240.00
16 9x28 8 ply -	$260.00
18 4x28 10 ply -	$340.00
20 5x25 12 ply -	Call For Quote
23 5x25 16 ply -	
1300x24 10 ply -	$225.00
1300x24 12 ply -	$245.00
1400x24 10 ply -	$255.00
1400x24 12 ply -	$280.00

10% DISCOUNT FOR CASH PICK UP AT OUR STORE OR... FREE MOUNTING!

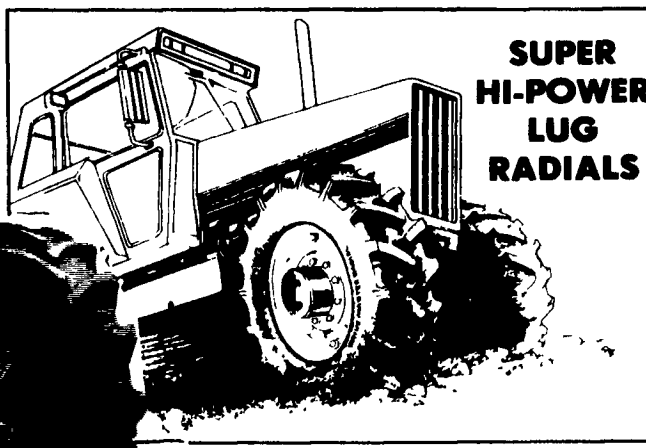
Hi Power Lug

FREE JACKET w/PAIR PURCHASE

11 2x24	4 ply	100 00
14 9x24	4 ply	150 00
14 9x24	6 ply	165 00
14 9x24	8 ply	190 00
16 9x24	6 ply	190 00
16 9x24	8 ply	210 00
14 9x26	6 ply	172 00
18 4x26	6 ply	235 00
23 1x26	8 ply	525 00
23 1x26	10 ply	600 00
11 2x28	4 ply	115 00
12 4x28	4 ply	130 00
13 6x28	4 ply	145 00
13 6x28	6 ply	160 00
14 9x28	4 ply	160 00
14 9x28	6 ply	175 00
16 9x28	6 ply	220 00
16 9x28	8 ply	240 00
18 4x28	6 ply	275 00
16 9x30	6 ply	230 00
18 4x30	6 ply	270 00
23 1x30	8 ply	650 00
24 5x32	10 ply	750 00
16 9x34	6 ply	255 00
18 4x34	6 ply	299.00
18 4x34	8 ply	325 00
20 8x34	6 ply	459 00
20 8x34	8 ply	510 00
23 1x34	8 ply	689 00
11 2x38	4 ply	140 00
12 4x38	4 ply	168 00
13 6x38	4 ply	179 00
13 6x38	6 ply	198 00
14 9x38	6 ply	224 00
15 5x38	6 ply	225 00
16 9x38	6 ply	279 00
18 4x38	6 ply	325 00
18 4x38	8 ply	365 00
20 8x38	8 ply	

Mounting Only $20.00 Per Tire If Purchased During January And Mounted By Feb. 15

OVER 15,000 TIRES IN STOCK!

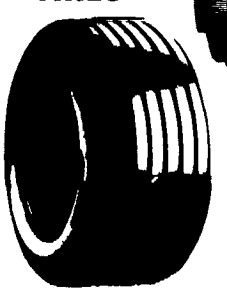


SUPER HI-POWER LUG RADIALS

14 9R28 10 Ply	$325.00
16 9R28 10 Ply	$399.00
18 4R34 6 Ply	$399.00
16R38 6 Ply	$429.00
18 4R38 6 Ply	$459.00
18 4R38 8 Ply	$529.00
18 4R26 10 Ply	$449.00
20R34 8 Ply	$639.00
20 8R38 8 Ply	$649.00
20 8R38 10 Ply	$699.00

- **Free Mounting During January When You Buy The Pair In Eastern Pa., Parts Of Western Pa., Most Parts of New Jersey And Northern MD, And Delaware.**
- **Ask About Armstrong Spring Dating Terms!**
- **Ask About The Best Warranty In The Industry!**

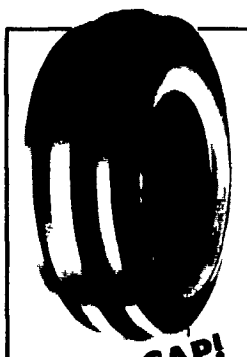
WAGON TIRES



26 1200x12 4 ply	49 00
8 5Lx14 6 ply	41 00
9 5Lx14 6 ply	44 00
9 5Lx14 8 ply	49 50
11Lx14 6 ply	49 00
9 5Lx15 6 ply	42 00
9 5Lx15 8 ply	44 00
11Lx15 6 ply	43 00
11Lx15 8 ply	47 00
25x7 50x15 4 Ply Tubeless	44 00
25x7 50x15 6 Ply Tubeless	49 00
27x9 50x15 4 Ply Tubeless	53 00
27x9 50x15 6 Ply Tubeless	60 00
27x9 50x15 8 Ply Tubeless	65 00
31x13 50x15 6 Ply Tubeless	88 00
31x13 50x15 8 Ply Tubeless	99 00
11Lx15 8 ply tubeless	50 00
11Lx16 8 ply	58 00
11Lx16 10 ply tubeless	74 00
12 5Lx15 10 ply	75 00
12 5Lx16 14 ply	85 00
14Lx16 1 12 ply	140 00
16 5Lx16 1 10 ply tubeless	160 00

Deduct $5.00 Farm Show Special
Deduct Extra $3.00 Plus Free Cap If Picked Up At Our Store

Front Tractor



FREE CAP!

400 12	$22 00
400 15	$24 00
500 15	$31.00
550 16 4 ply	$33.00
550 16 6 ply	$36 00
600 16 4 ply	$37 00
600 16 6 ply	$41 00
650 16 6 ply	$42 00
75L 15 6 ply	$50.00
750 16 8 ply	$54 00
750 16 6 ply	$50 00
750 18 6 ply	$64 00
9 5L 15, 6 ply	$55 00
9 5L 15 8 ply	$60.00
1000 16 6 ply	$80 00
11Lx15 8 ply	$75 00
1100 16, 8 ply	$110 00
14L 16 1 8 ply	$160 00

Above Tires Shipped UPS - No Charge!

Deduct $3.00 If Picked Up At Our Store During Farm Show Week!

Skid Loader Tires

700x15 6 ply	$65.00
750x15 6 ply	$68.00
10-16.5 6 ply	$80.00
12-16.5 8 ply	$120.00
Steel Shield	
10-16.5 6 ply	$95.00

Above Tires Shipped To You FREE

Deduct $5.00 If You Pick Up At Our Store During Farm Show Week!

Visit Our Used Tire Location At Mummau Family Farm - Rt. 283 Rheems Exit - Just 1 Mile From Store-

20% OFF ALL USED TIRES

We Understand Your Wants And Needs!

- ★ **Close Outs On BFG & Goodyear - Call For Quotes!**
- ★ **Call Jim For Farm Show Specials On Car Tires!**

Contractor F-3

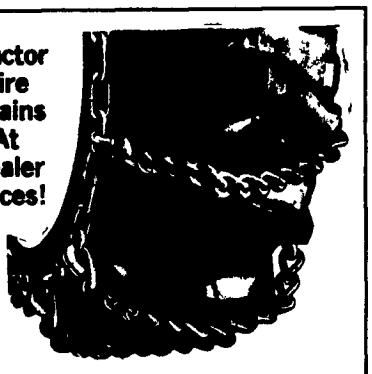
11Lx15 8 ply	$80 00
11Lx16 8 ply	$92 00
11Lx16 10 ply	$98 00
750 800x16 10 ply	$80 00
11Lx16 12 ply	$130 00
145 75 16 1 10 ply	$225 00

Small Rear Farm

750x20	4 ply	59.95
750x24	4 ply	64.95
8 3x24	4 ply	79.00
9 5x24	4 ply	84.00
11 2x34	4 ply	135.00
11 2x36	4 ply	137.00
12 4x36	4 ply	175.00
13 6x36	4 ply	189.00

★ **Free CAP ONLY** ★

Tractor Tire Chains At Dealer Prices!



10% OFF DEALER PRICE IF PICKED UP DURING FARM SHOW!

Visit Our Store For Free Armstrong Cap During Farm Show Week, No Purchase Necessary - Bring Coupon!

Name _____

Address _____

Town _____ State _____

Zip _____ Phone _____

- **Children Get Free Tablets**

Ask About Our
4 Year Guarantee On Rear Tires
Strongest In The Country

We Install Tires On Your Farm

- **Centre Hall**
- **Williamsport**
- **Sunbury**
- **Allentown**
- **North Penna.**
- **New Jersey**
- **Northern Maryland**

Route 230 West

MUMMAU TIRE

Mt Joy PA

Serving Farmers In Penna. New Jersey Northern Maryland and Delaware

Out Of State 717-653-1260 In Penna. 1-800-222-1729

Tioga County DHIA Monthly Report

Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
TIOGA COUNTY DHIA November, 1985						
Glenn Bowen	3		39.1	89.8	20,422	811
Paul & Emma Machmer	B3		21 7	88 2	19,075	753
Stephen E Bolt	B3		72 6	86 2	20,632	740
L & J Holsteins	3		39 8	89 7	19,317	740
Charles D Groover	3		16 0	88 3	19,188	737
Douglas W Lawton	3		62 8	89 4	19,206	723
Theodore Schmelzle	3		48 6	88 1	19,027	717
Middle Ridge Farm	B3		105 3	89 0	17,004	714
MIC Realty	3		65 8	83 8	17,167	712
Gerald Parker	3		72 5	88.9	19,287	706
Chris Gaugler	3		42 4	90 4	17,871	692
Bernard G Courtney	3		143 3	88 5	18,559	686
Charles&Doris Porter	3		41 7	87 0	18,938	686
Leemon E Gaugler	3		43 5	84 7	17,640	682
Galen & Dale Jackson	B3		39 1	84 0	18,368	677
Larry & Mary Herman	3		48 8	86 5	18,035	675
Bruce T Metzger	G3		25 8	85 6	18,880	668
Harold Robson Jr	3		55 0	88 4	18,035	665
Richard Groover	3		40 4	84 9	18,303	664
Robert L Miller	B3		79 6	87 3	17,585	656
William Chamberlain	3		45 2	84 1	16,965	652
Thomas Groover	B3		25 6	84 6	17,625	651
David Cleveland	B3		45 4	83 6	18,528	650
Glenn Bowen						
Gwen	8 4	305	27,205	4 8	1317	
Grace	4-4	305	27,367	4 8	1301	
Gray	3-2	305	22,194	4 5	1001	
Diane	5 5	305	22,152	3 9	860	
Kris	4 1	305	27,574	3 1	852	
Freda	3-2	305	23,115	3 6	826	
Alice	2-8	305	18,840	4 1	780	
Edward & Carol Robbins						
57	6 6	305	25 064	4 1	1032	
49	5 4	305	20,079	4 0	801	
Middle Ridge Farm						
260	1 2	305	24,358	4 2	1018	
233	1-2	305	16,536	5 2	857	
283	1-3	305	19,951	4 3	852	
290	2-6	305	21,498	3 7	793	
211	6-11	305	16,226	4 8	776	
Robert L Miller						
91	5-5	305	25,419	3 9	982	
Bernard G Courtney						
118Idea	4-10	305	22,265	4 3	953	
28Lshn	6-9	305	20,708	4 5	936	
3Saly	6-9	305	23,112	3 6	842	
109Albi	8-10	305	17,570	4 7	828	
49 49	10-3	305	19,549	4 1	801	
86Twis	4-0	305	22,188	3 6	796	
40Esie	9-10	305	21,677	3 5	765	
Chris Gaugler						
Rock	5-2	305	24,863	3 8	952	
Bunny	4-10	305	17,725	4 7	837	
Lilly	7-3	305	21,329	3 8	813	
Diane	8-8	305	24,138	3 2	775	
Gerald Parker						
Con	6-0	305	24,741	3 8	946	
Hill	6-3	270	18,050	4 6	825	
Bandit	4-3	305	23,317	3 4	796	
Beau	2-2	305	19,406	3 9	750	
Paul Oakley						
Berthe	7-0	305	21,221	4 3	914	
Misty	5-0	305	24,564	3 7	899	
Treat	5-1	305	23,060	3 3	755	
Gordon M Wood #1						
P Cindy	4-11	300	22,971	4 0	912	
Bonnett	5-1	305	21,363	3 9	828	
S'Lite	6-5	305	22,126	3 7	827	
Crow	5-0	305	24,925	3 1	768	
Allan J Lilley						
Junebug	5-4	305	24,279	3 7	909	
Verne W Bowen						
Erna	8-1	305	22,214	4 1	903	
Charles D Groover						
Royal	10-3	305	23,492	3 7	880	
Mitzi	3-11	305	22,809	3 7	844	
Bruce T Metzger						
Amy	4-1	305	26,120	3 3	870	
Sugar	3-11	305	23,355	3 4	798	
Emery-Rick Davis						
Marylyn	6-0	305	19,064	4 6	869	
Galen & Dale Jackson						
Cindy	3-11	305	22,328	3 9	865	
Jackie	5-10	297	21,860	3 5	760	
Clark Bowen & Son						
Lisa	6-0	305	20,340	4 2	856	
Elector	5-4	305	24,106	3 4	826	
Jack E Randall						
Chris	3-9	305	23,078	3 7	854	
Peg	4-7	274	19,022	4 9	767	
Will Comley						
67	8 5	305	20,199	4 2	846	
Russell Bowen						
June	5 3	305	26,600	3 2	845	
Sparky	9 9	305	22,441	3 4	765	
Richard Groover						
Sally	4 2	305	22,585	3 7	845	
Margie	8 3	281	20,613	3 9	802	
Pine Ridge Holsteins						
Gem	3 2	305	19,771	4 3	845	
Charles Neal						
13	4 11	305	17 194	4 9	844	
Stephen E Bolt						
Peggy	6-8	301	21,287	4 0	843	
Mona	3 8	305	27,052	2 8	760	
Theodore Schmelzle						
Saint	4 10	305	21,316	3 9	841	
Peg	8 1	305	25,603	3 2	808	
Tabby	5 1	305	20 955	3 8	799	
Jubilee	3 7	305	17 726	4 3	763	

(Turn to Page E39)

ABS

PLUS OVER 600 TPI

PROVEN IN THE ABS NEW GENERATION PROGRAM

ABS

MILKY WAY +667 TPI $15

29 H3646 MILKY WAY

Go-Rob Monarch MILKY WAY 1780434 GP-83 Born 2/14/79
aAa 1 6 5 2 3 4 Bred by Gordon M & Robert W Sheldon Fulton NY

GENETIC HARVEST

With more daughters and herds MILKY WAY has moved up on both production and type evaluations and combines these for an imposing +667 TPI Sired by a former ABS highly proven progeny test sire MILKY WAY is one of the top A I sires in service today

USDA PD 7/85 (82) Percentile 97% **TPI +667**

		% Test	Lbs	Dtrs/Hrds	Rpt
Milk	**+1531M**				
Fat	**+$174**	**- 05**	**+46**	31 27	62%
Prot	**+$166**	**01**	**+43**	23/19	54%
CY$	**+$161**		CY Percentile 96%		

Daughter Level 19591M 3 49% 684F
PDT + 71 *HFA 7 85* *21 Dtrs* *Rpt 61%*

GTS 7/85 25 Daughters 18 Herds 54%Rpt
HFA 7/85 21 Daughters 19 Herds 57%Rpt

	GTS	HFA	
Fore Udder	1 22S	94L	
Rear Udder Height	46H	08L	
Rear Udder Width	28N	44N	
Center Support	17F	57B	
Udder Depth	39D	41D	
Teat Placement	78W	1 63W	Wide
Stature	39S	54T	
Angularity	2 62S	03S	Very Sharp
Strength & Capacity	1 05F	15F	Lack Strength
Width of Rump	14N	43W	
Pelvic Angle	99S	2 99S	Some Slope
Rear Leg Set	16S	24P	Correct

MILKY WAY Calving Ease
20% Difficult 3% Prob Easy 106 Compared

Dam Walker Farm Chief MS
5 09 2x 305d 24590M 3 9% 948F

Lime Hollow Astronaut Monarch
1596723 GP 84
USDA PD +1142M +30F 74%Rpt 7/81
33 PDT 63% Rpt 1/84 HFA

Walker Farm Chief MS
8174883 EX 91 2E

3 05 2x 305d	20670M	3 7%	766F	
4 06 2x 305d	22870M	3 7%	853F	
5 09 2x 305d	24590M	3 9%	948F	
6 10 2x 305d	23510M	3 6%	854F	
8 01 2x 305d	21840M	3 6%	788F	
Lifetime 2226d	152160M	3 7%	5621F	

Paclamar Astronaut
1458744 EX 90 GM
Farmgrove Mona Lisa Famous
6291656 VG-89

Pawnee Farm Arlinda Chief
1427381 EX 94 GM
Walker Farm Miss Ivy
7610433 VG 88

7 02 2x 327d	20650M	4 1%	848F	
8 05 2x 312d	19450M	4 2%	818F	
9 05 2x 324d	19070M	4 3%	826F	
Lifetime 3117d	174870M	4 1%	7154F	

Sire Cochran Ivanhoe Futy
1530064 VG 87

PISTOL +634 TPI $15

29 H3769 PISTOL

MJR PISTOL Pete 1804227 GP 81 Born 11/24 79
aAa 3 4 2 6 5 1 Bred by Michael Richter Highland IL

GENETIC HARVEST

PISTOL with +634 TPI is the kind of bull that has great appeal for both type and production His +$123 value and +1 60 PDT make a fine combination for transmitting ability He s a milk bull at +1 358M and a trait improver – the daughters are tall and good uddered

USDA PD 7 85 (82) Percentile 86 **TPI +634**

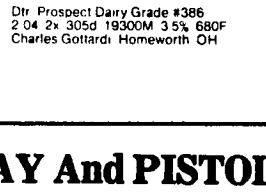
		Test	Lbs	Dtrs Hrds	Rpt
Milk	**+1358M**				
Fat	**+$123**	**14**	**+23**	31 24	59
Prot	**+$ 98**	**10**	**+23**	19 14	46
CY$	**+$ 82**		CY Percentile 57		

Daughter Level 19486M 3 39 661F
PDT +1 60 *HFA 7 85* *19 Dtrs* *Rpt 58*

GTS 7/85 21 Daughters 15 Herds 51 %Rpt
HFA 7/85 19 Daughters 14 Herds 54%Rpt

	GTS	HFA	
Fore Udder	1 04S	53S	
Rear Udder Height	1 19H	1 25H	
Rear Udder Width	87W	1 74W	Very Fine Udder
Center Support	61F	34S	
Udder Depth	10D	32S	
Teat Placement	11C	68C	
Stature	2 09T	1 39T	Quite Tall
Angularity	1 51S	28S	Dairy with Strength
Strength & Capacity	93S	1 60S	Strength
Width of Rump	1 18W	1 34W	Great Width
Pelvic Angle	41H	1 68H	High at Pins
Rear Leg Set	1 00P	91P	Straight

PISTOL Calving Ease
12% Difficult 40% Prob Easy 161 Compared



Dtr Prospect Dairy Grade #386
2 04 2x 305d 19300M 3 5% 680F
Charles Gottardi Homeworth OH

Straight Pine Elevation Pete
1635843 EX 90 GM
USDA PD +1056M +22F 99%Rpt 1 85
+1 62 PDT 99% Rpt 1 85 HFA

Withers Chief Doris
8355438 VG 89

2 07 2x 358d	21860M	3 8%	826F	
3 08 2x 305d	22030M	3 9%	852F	
6 10 2x 301d	21920M	3 9%	860F	
7 10 2x 348d	22560M	3 9%	881F	
9 01 2x 364d	25420M	3 6%	919F	
Lifetime 2136d	148390M	3 9%	5729F	

Round Oak Rag Apple Elevation
1491007 EX 96 GM
Straight Pine Fond Matt Horny
7794869 EX 91 2E GMD

Pawnee Farm Arlinda Chief
1427381 EX 94 GM
Withers Pre X Dori
7293734 VG 88

5 08 2x 353d	18370M	3 6%	658F	
8 00 2x 308d	18130M	3 6%	645F	
9 00 2x 339d	17850M	4 0%	713F	
Lifetime 2012d	110020M	3 6%	3929F	

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Owner	Brd.	Age	No. Cows	Days In Milk	Lbs. Milk	Lbs. Fat
Ralph B Sampson						
403		6 1	289	21,619	3 9	837
Oliver P Butler						
Gig		10 0	305	23,938	3 5	834
Sweetie		6 11	305	19,372	3 9	760
Dean Baity						
Ora		4 5	305	19,464	4 3	834
Thomas Groover						
Fanny		5 11	305	20,089	4 1	833
Roy A Schanbacher						
Ivy		4 11	305	20,277	4 1	832
Perry & Eric Anderson						
Barbie		5 8	305	22,722	3 6	825
Larry & Mary Herman						
Gina		5 4	305	20,151	4 1	825
Tiffany		3 3	305	19,142	4 1	791
Angel		7 11	305	17,015	4 6	781
Dolly		6 1	305	18,372	4 2	774
John Painter II						
48		3-8	305	24 431	3 4	822
Walter Sherman						
291		4 11	305	17 122	4 8	820
John S Bennett						
BF 2		11 4	305	20,919	3 9	816
Leahmae		9 0	305	21,409	3 7	797
Jay Foreman						
6		1 2	305	21 337	3 8	811
Norman & Gary Jackson						
Kate		4 6	305	21 625	3 7	810
Tom Bower						
103		7 0	305	16 784	4 8	804
Marlandacres						
79		6 2	305	21,461	3 7	802
Leemon E Gaugler						
Tilda		6 0	297	21 399	3 7	798
Jessica		3 7	305	20 932	3 8	788
Dale Roberts						
Irene		4-11	305	21,425	3 7	790
John & Jennifer Wheeler						
Tip		7-0	305	20,909	3 8	787
Jim W Welch						
Princes		4 2	305	19,728	4 0	782
Robbins Himm Farm						
Mitzi		5 2	305	22,789	3 4	781
Dave Huck						
16		3 11	305	19,877	3 9	779
1		5-11	305	18,470	4 1	758
R A & Kathleen England						
Helen		5 3	297	23,274	3 3	778
L & J Holsteins						
Sis		4 5	305	21,569	3 6	777
Paul & Emma Machmer						
10		4 1	305	18 672	4 2	775
Douglas W Lawton						
413		4-0	305	21,133	3 7	773
Cortland Wilson						
Darlene		6 11	305	18,528	4 1	767
Harold C Jackson						
181		3 2	305	21 495	3 6	766
Hilvu Farm						
Titsy		5 10	305	17,958	4 3	788
Joseph & Velma Sherman						
34		4 3	305	20,267	3 8	765
Rodney & Pam Sherman						
Mettie		7 5	305	20,019	3 8	765
Dennis & Donna Moyse						
Vigo		5 9	305	18 035	4 2	765
David Cleveland						
Val 51		8 2	290	23 730	3 2	753

Flynn named Dow VP

MIDLAND, MI. — John M. (Jack) Flynn has been named to succeed John L. Hagaman as vice president of Dow Chemical U.S.A. and general manager of North American Agricultural Products.

Flynn has been serving as director of the Innovation Development Department of The Dow Chemical Company in Midland. In his new assignment, he will report to John L. Hagaman, president and general manager of the global agricultural products business. Flynn continues as a member of the U.S. Area management committee.

Flynn joined Dow at Midland in 1956 and held a variety of research, production and marketing positions. In 1968, he became manager of Research and Development for the Plastics Department and, in 1971, was named manager of Product Research for Dow U.S.A.

He became general manager of the Dow U.S.A. Styrene Plastics Department in 1973, and was appointed a director in the Corporate Product Department in 1976, responsible for agricultural chemicals, metals and specialty chemicals. In 1982, he became product director for Agricultural Chemicals for Dow and moved to his most recent position early in 1983.

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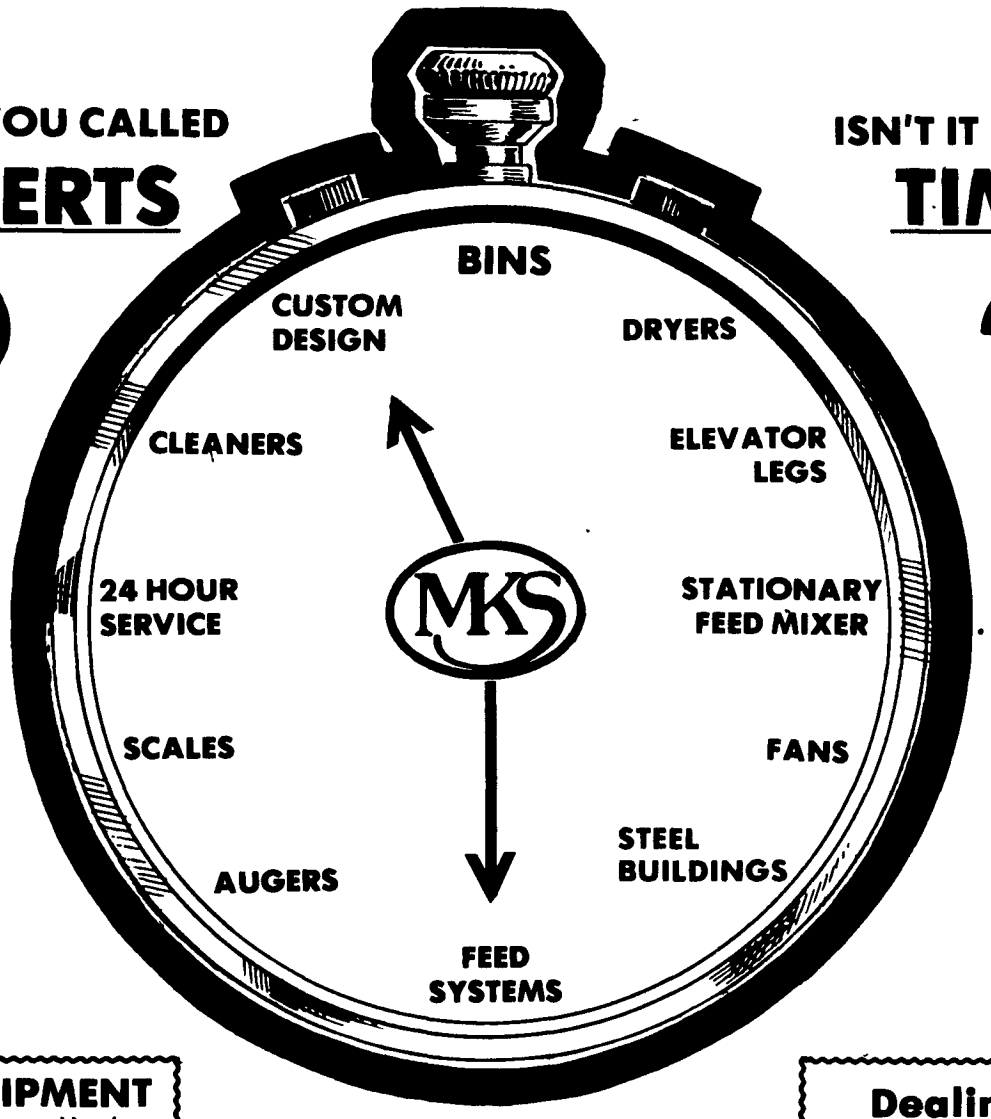

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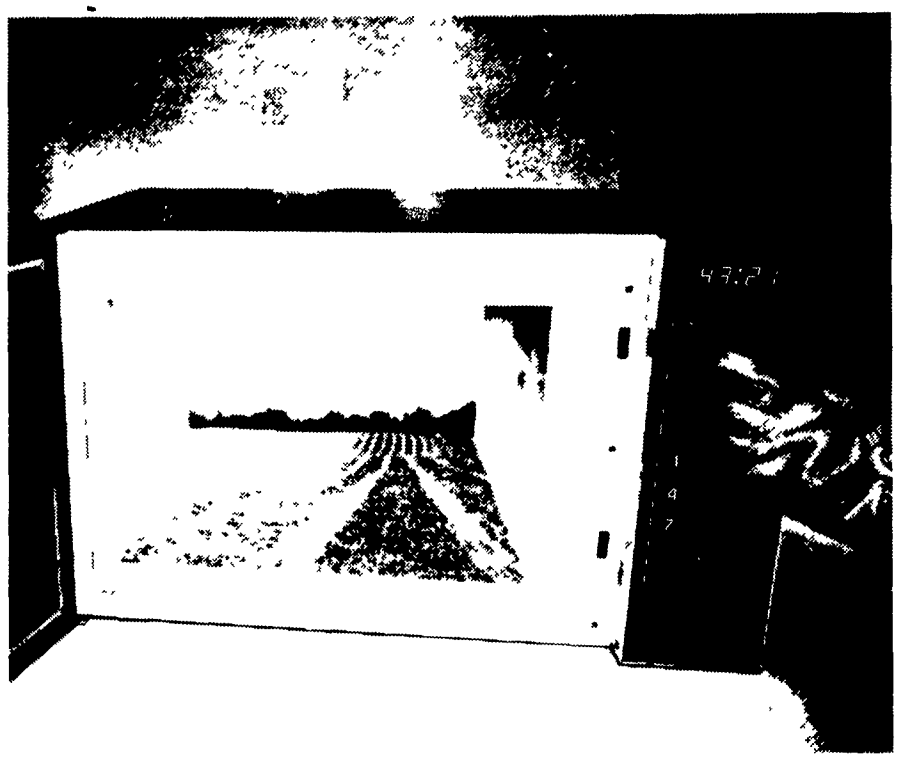

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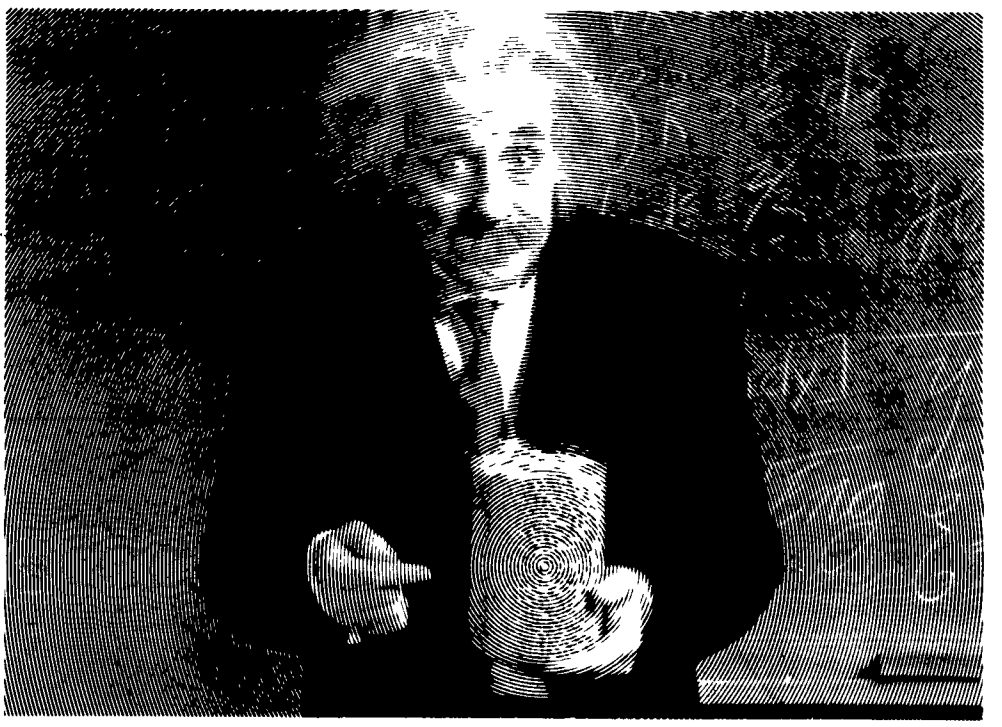

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Junior exhibitor wins KILE carcass show

HARRISBURG — Kristen and Scott Hazlett, of State College, won top honors in the swine division of the 1985 Keystone International Livestock Expostion held at the Harrisburg Farm Show Complex November 8-13. Both exhibited market hogs in the junior show held during the week long event.

Kristen, 11, won junior champion-on-foot with her barrow, a Hampshire-Spotted cross. Her barrow had a live weight of 212 pounds. Scott, 15, won overall grand champion carcass with his Duroc-Spotted crossbred barrow. The barrow weighed 249 pounds live, 188 pounds butchered and prepared for sale, and had superior carcass characteristics. This was the first time the grand champion carcass was shown by a junior exhibitor.

Kristen and Scott bought the barrows from Keith Bard, who operates a swine farm near Lewistown. They raised them as a 4-H project. After they were judged on foot the hogs were processed at the Hatfield Packing Company, Hatfield. The carcasses were then entered in the carcass division for Specific Show Characteristics.

The Exposition, in its 29th year, holds competitions for several breeds of beef cattle, swine, sheep and draft horses. Dr. John Ziegler, professor of meat science at The Pennsylvania State University, is the superintendent of both the open and junior carcass barrow shows. Entries are open to 4-H and FFA members and livestock breeders and owners. The Exposition is sponsored by the Pennsylvania Livestock Association.

Kristen attends the Lemont Elementary School and Scott is a sophomore at the State College Area Intermediate High School. They are the children of Vernon and Jean Hazlett. Vernon is the swine herdsman at the Penn State Swine Center.

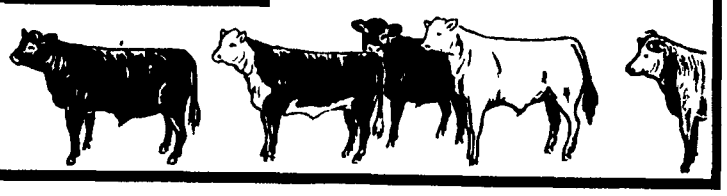
Following his sister Kristen's lead, Scott Hazlett topped KILE's carcass contest. (Penn State Ag Communications photos.)

Kristen Hazlett's KILE on-foot champion market hog.

Beef Briefs

by
Dr. Lester Burdette

Penn State Extension Beef Specialist



Are Junior Livestock Shows Worth It?

Editor's Note: Livestock Latest readers may notice that Forest Muir's poultry column, which normally appears on the second Saturday of the month, was published last week. In his place this week is Les Burdette, who normally appears on the first Saturday. Apologies from the Livestock Editor who was asleep at the switch.

The title is a question we are often asked and sometimes even ask ourselves. With the Farm Show upon us it seems to be a good time to address the issue. The boy or girl who shows the champion steer, lamb, or pig would certainly say yes. And so would the parents and grandparents.

We do seem to hear increasing criticism about some of the junior shows. Comments such as, "What's wrong with the judge, why did he pick that animal, it doesn't represent what I topped the market with last week?" "It's not fair, his (her), parents do all the work." "It's getting to be a game for the rich because I heard his father paid $XXX for it as a feeder" Or, "What does he learn that will make him a better farmer?"

There is a grain of truth to some of these comments. When we pick a judge all we ask for is his opinion and that is just what we get. Everyone is free to disagree but for that day there is only one official opinion and that is the one the money is paid on.

Yes, sometimes with another judge, or even the same judge on a different day, another animal would be champion. Judging is not glory, it is hard work. People who do judge do a lot less criticising than non-judges.

Just as with Little League or other activities, some parents do get carried away and seem to want to relive their own childhood. On the other hand, the families where the parents take an active interest and offer lots of encouragement seem to be the ones were the children get the most benefits from youth programs.

Studies show that only five to 10 percent of the boys or girls will end up with careers in agriculture, so we don't try to emphasize productive agriculture in many of the club activities. They may not all end up as farmers but they will all be consumers. I don't think we will get negative reactions about agriculture from this group of future consumers.

Most of the real benefits of club work come from group activities back on the local level. They learn about parliamentary procedure, forming committees, working together, standing up to give reports, or serving as officers in clubs. Hopefully they learn about winning and losing because life is all about competition. They learn to live with rules and regulations. We all know the consequences of exceeding the speed limit.

Sometimes when the carrot at the end—or in this case the price of the champion—is too large we do get some people who go to excessive lengths to win it. Nevertheless, we do believe that junior livestock shows are worth it. Maybe the problem is the name. Maybe we should call them kid shows, after all, most people go to watch kids. They just have to have an animal to get into the ring to compete.

If you go to the Farm Show to watch one of these kid shows observe how much fun they seem to have and how clean and wholesome this group of boys and girls are. We should be proud of what they are doing and offer constructive comments rather than sour grapes criticism.

Pa. Cattlemen schedule conference

UNIVERSITY PARK — Surviving in the cattle business, improving pasture management for greater productivity, handling cattle facilities and using microcomputers in beef operations are among the topics to be presented at the 1986 Pennsylvania Beef Cattle Conference, held Feb. 21-23 at the Allenberry Resort, Boiling Springs. The annual event is sponsored by the Pennsylvania Cattlemen's Association, The Pennsylvania State University, Pennsylvania Beef Council and Pennsylvania Department of Agriculture.

Guest speakers will include Jo Ann Smith, president of the National Cattlemen's Association; Henry Gardiner, president of the Beef Improvement Federation; Bruce Bainbridge, cattle marketing specialist from Virginia Polytechnic Institute; Jeanne Sowa, promotions manager for the Beef Industry Council, National Livestock and Meat Board; and Jerry Palen, noted bronze sculptor and author of "Stampede" cartoons.

Several specialists from Penn State will discuss new management procedures for both the purebred and commercial cow/calf operator and the cattle feeder or grower. During a hands-on session, participants can explore the uses of microcomputers in beef operations.

Jerry Palen will be the guest speaker at the Cattlemen's Banquet on Friday evening, and Jo Ann Smith will speak at the Saturday luncheon.

Cattle producers and other interested individuals may register for the entire conference or for separate sessions, meals and lodging. For more information and a registration packet, write to the Pennsylvania Cattlemen's Association, 862 Webster Drive, State College, PA 16801, or to the Department of Dairy and Animal Science, The Pennsylvania State University, 324 Henning Building, University Park, PA 16802.

Jo Ann Smith

National, state Cattlemen offer joint membership

Through a special membership drive by the National Cattlemen's Association and the Pennsylvania Cattlemen's Association, the dues structure for the National membership has been reduced. Members of the Pennsylvania Cattlemen's Association can become full members of the National Cattlemen's Association and receive NCA's magazine for a flat rate of $20, or weekly newsletters and the magazine for $50.

The Pennsylvania Cattlemen's Association co-sponsors many of the important beef cattle industry events and programs in Pennsylvania, as well as helping to promote beef to the consumer.

The National Cattlemen's Association is primarily active in promotion of legislative actions by the federal government on issues that affect the beef cattle industry.

More information with regard to membership in either the Pennsylvania or National Cattlemen's Associations can be obtained from: Pennsylvania Cattlemen's Association, 862 Webster Drive, State College, PA 16801.

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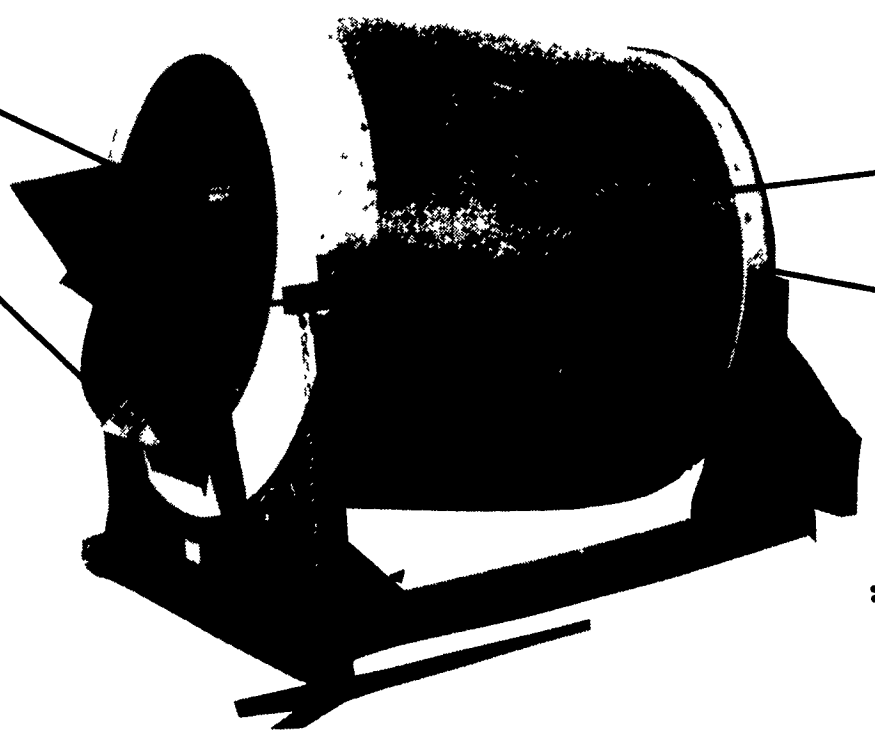
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Gaymans process their own feed and add profits

CHAMBERSBURG — Livestock and egg producers who invest in on-the-farm feed processing systems do so for two primary reasons.

First, they are concerned with achieving a more uniform mix. They know that accurately balanced rations result in maximum productivity.

When this maximum productivity is achieved, they are better able to control costs and profits are higher. These higher profits are the second reason that many producers opt for on-the-farm feed mixing today.

Ronald and Clifford Gayman, owners of Hillside Poultry Farm in Chambersburg, Pennsylvania are egg producers who have been milling their own feed with a volumetric automatic system for several years, and recently updated their system by installing a Prater Blue Streak Feed Processor.

"Our first system sold us on processing our own feed," says Ronald Gayman, general manager. "Almost immediately we could see the profitability in higher production. We saved time too, since the system was fully automated."

Although the system was a definite plus to production, the Gaymans knew that a processor which could deliver a more accurate mix, measured by weight, would increase profits even more.

"We had the best volumetric system available to producers at the time," says Gayman. "The Prater Feed Processor was not available to the farmer when we first decided to mill our own feed."

The Gayman's new Prater feed processor was installed in September 1985. According to their records, the system is delivering a batch of more accuracy and consistency than the volumetric system.

Because the Prater Blue Streak Processor is compact, it could be fit into the same 12 foot-by-12-foot space the existing system occupied; so there was no need for extensive remodeling to accomodate the change. Parts for the old system could be adapted to the Prater system resulting in even more savings during the conversion.

According to Gayman, the decision to update was based on several features of the Prater system that would improve and expedite processing.

He noted Prater's mixing principle known to the industry as "Twin Spiral Mixing." This refers to the fact that two vertical spirals turning at different speeds within the mixing chamber create a differential mixing action.

The material being mixed is actually moving in three directions simultaneously: vertically downward, vertically upward, and horizontally between the spirals. Prater calls this the "H" action.

Maximum uniformity and accuracy were the main reasons the Gaymans chose the Prater system. First, it offered a hammermill powered by a 7½ HP motor with thirty-six heavy duty hammers, designed to run slowly. This provides a more uniform grind.

Secondly, the system's micro ingredient hopper, outfitted with vibratory feeders, dispensed micro ingredients such as antibiotics, into a high accuracy weigher for the most accurate on-the-farm batching available to date.

"We were also looking to conserve energy and save time," says Gayman. "We found that the Prater system is designed for energy efficiency, and that cleaning has been simplified with a drop bottom cleanout design. There is very little I need to do to keep the system operational," he continues. "The system runs with very little help from human hands. I simply push a button in the morning, and forget it the rest of the day."

This particular system is programmed to mix twelve batches of feed per day. The unit is also advertised as being the easiest system on the market to service.

The new Prater Processor was installed at Hillside Poultry Farm by Tam Agri Corporation of Dillsburg, Pennsylvania. Tam Agri also installed and serviced the previous volumetric system. The company is well known to the industry for its reliable service and its "turn key" operation. This allows them to take a job from design through to a completed operating system, supplying grain bins, bucket elevators, dryers, and buildings as necessary.

Hillside Poultry Farm is an integrated egg processing operation which means that feed is manufactured on the site and some ot the produce is sold right on the premises in a "farm store." Other eggs from this computerized operation are distributed to markets for sale. The Gaymans feel that they are a large operation when measured on the family-type, independent producer scale They are currently feeding approximately 140,000 birds a day and gathering upwards of 3,000,000 dozen eggs per year.

The growing enterprise began in 1932 when Ronald and Clifford's grandfather, John Gayman, started with less than 500 chickens. Today, these third generation Gaymans operate the egg producing facility, the farm store, and they farm more than 500 acres of crops per year. Two full-time farm hands help with the work and several part-timers are employed in the egg facility.

Lange heads Delmarva Poultry Assoc.

GEORGETOWN, Del. – Otto K. Lange, vice president and general manager of Buyers' Marketing Service, Inc., Salisbury, Maryland, is the 1986 president of Delmarva Poultry Industry, Inc. (DPI), trade association for Delmarva's billion dollar broiler industry. Lange has been associated with Delmarva's poultry industry for the past 28 years.

Lange and his wife, Connie, live in Salisbury, Maryland. They have three children: Mark, Matthew, and April.

Other officers serving with Lange are: 1st vice president - David VanHoose, general manager, Paramount Poultry - Cargill, Inc., Harbeson, Del.; 2nd vice president - Dr. Keith E. Rinehart, vice president, Technical Services, Perdue Farms, Inc., Salisbury, Md.; and immediate past president - Paul E. Ferrier, president, G & M Sales of Delmarva, Salisbury, Md.

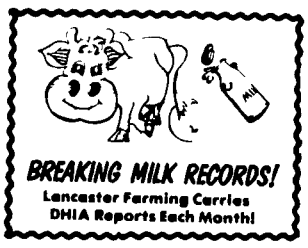
DPI hires new executive assistant

GEORGETOWN, Del. – Effective, Jan. 1, Gerald B. Truitt, Jr. assumed the position of executive assistant of Delmarva Poultry Industry, Inc. (DPI), the poultry trade association representing all phases of the billion dollar broiler industry on the Delmarva Peninsula. He fills the vacancy created by the retirement of William R. Stephens who served in that capacity until December 31, 1985.

"We are extremely delighted that Jerry Truitt has accepted this position for which he is uniquely qualified," commented Ed Ralph, DPI executive director. "Jerry has been very active in DPI activities for the past 25 years - having served as DPI president in 1984, an active director for many years plus effective committee chairman and member on numerous occasions.

"Jerry's work experiences with the Worcester Fertilizer Company, Maryland Farm Credit, Maryland National Bank and most recently with Equitable Bank have provided him with a great wealth of experience and a broad knowledge of the Shore and contacts with large numbers of people in all walks of life," Ralph said.

Truitt and his wife, Jean, live in Salisbury, Maryland. They have two sons: Gerald B. Truitt, III, and John W. Truitt.



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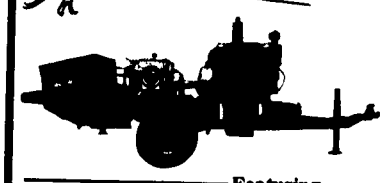

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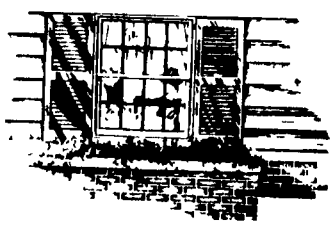

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'Command' praised by growers

PHILADELPHIA – There have been many herbicides introduced in the past several years, but few have been greeted with as much anticipation and excitement as has been expressed by the growers who have run trials with Command®, a unique preemerge herbicide for soybeans.

Developed by FMC Corporation, Command has proven to be effective on a broad spectrum of grasses and broadleaf weeds, including velvetleaf, in many different soil and climatic conditions.

Growers throughout soybean producing states have run extensive trials testing the efficacy of Command on a wide variety of weeds and grasses under many different application and tillage practices.

Uniformly, growers have reported excellent control of most economically significant grasses and weeds; excellent activity in low-moisture conditions; and application flexibility, since Command is equally effective applied preemergently or incorporated.

Command is the first and only selective preemerge herbicide that provides season-long control of velvet-leaf, and that is generating additional excitement in certain areas because velvetleaf is among the most problematic weed species in the midwest and is becoming a problem in other areas as well.

Dave Wetherell, an Orchard, IA grower, tested Command in 1984 and 1985. That experience gave him the opportunity to assess efficacy under different moisture conditions.

Wetherall says, "We tested Command under wet and dry conditions, and it was effective both ways. I have been using Dual, but Command gives better control It is the best herbicide I've ever seen."

Lumber Bridge, NC grower, John Balfour, tested Command alongside a Dual/Treflan combination. He notes, "There is no doubt that Command did a better job than Dual/Treflan."

"From what I have seen," notes Gary Snodgrass, South Charleston, OH, "I will definitely continue to use Command. It is real strong against grasses and most broadleaves I see, and it suppresses the others so they don't become a problem."

Bill Glass, a large Charleston, MO grower with 2,500 acres in soybeans says, "Overall, the control with Command was better than anything I have ever seen. There is no question that it is better than Dual or Lasso and Sencor. I have used them in combination regularly, and Command is far superior. I really like the chemical. It works better than anything I have ever used."

The equal effectiveness of Command when applied either preemergently or incorporated also impressed growers because it gives them greater flexibility to adjust to weather conditions.

Jerry Schmitz, Elk Point, SD says, "I like to use a herbicide preplant incorporated when I can, but that is difficult in a real wet spring, and the fact that Command is an effective preemerge herbicide is an advantage."

In some situations, growers have found that a combination of Command and metribuzin (Sencor/Lexone) applied preemergently gave the best season-long control of the full weed spectrum. In most instances, these growers found they could use a reduced rate of metribuzin in a tank-mix with Command and still get good control.

Milton Vitosh, Odell, NE, summed up many growers' comments, noting, "Even with the Sencor combination, I didn't see any burn in the Command plots. The Lasso/Sencor plot had quite a bit of burning."

In addition to excellent control of most major grasses and weeds, growers in, many areas are extremely pleased because Command is the only selective preemerge herbicide effective against velvetleaf. Wetherall noted, "Command gives me great velvetleaf control."

Glass agrees, noting, "Command gets wild cotton (velvetleaf), and that is the real problem we have here."

Registration for Command is expected in early 1986.

Stauffer fills sales position

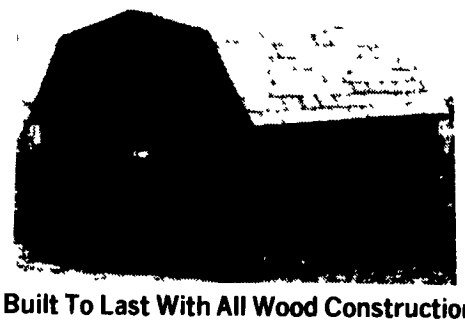
WESTPORT, CT. – John Juvenal has been named national accounts manager for the Agricultural Products Division of Stauffer Chemical Company, it was announced today by Milan Turk, president of the Agricultural Products Division. Stauffer is a subsidiary of Chesebrough-Pond's Inc.

"The Agricultural Products Division recognizes that a strong working partnership with our dealers and distributors is the foundation upon which our business rests," said Mr. Turk in making the announcement. "By creating the position of national accounts manager, we are emphasizing the importance we place on our commitment to this partnership.

"John Juvenal will be responsible for developing and strengthening our relationship with key national accounts. John has an in-depth understanding of our business and the distribution network. His 29 years experience with the Agricultural Products Division has prepared him well for this important position," said Mr. Turk.

Juvenal, 51, joined Stauffer in 1956 and served most recently as mid-west regional sales manager.

STORAGE SHEDS



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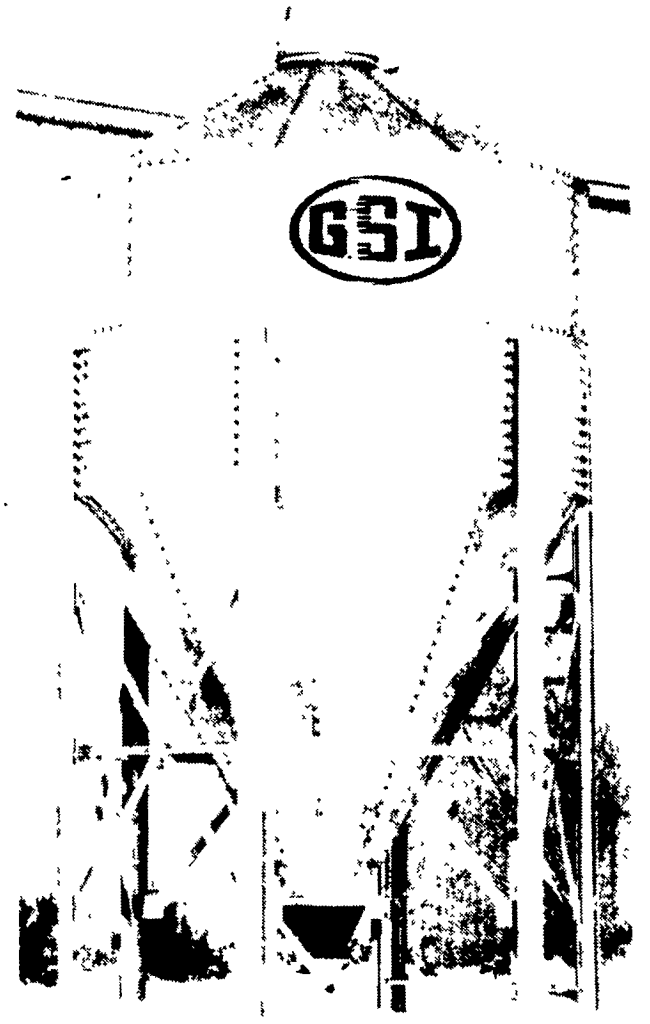

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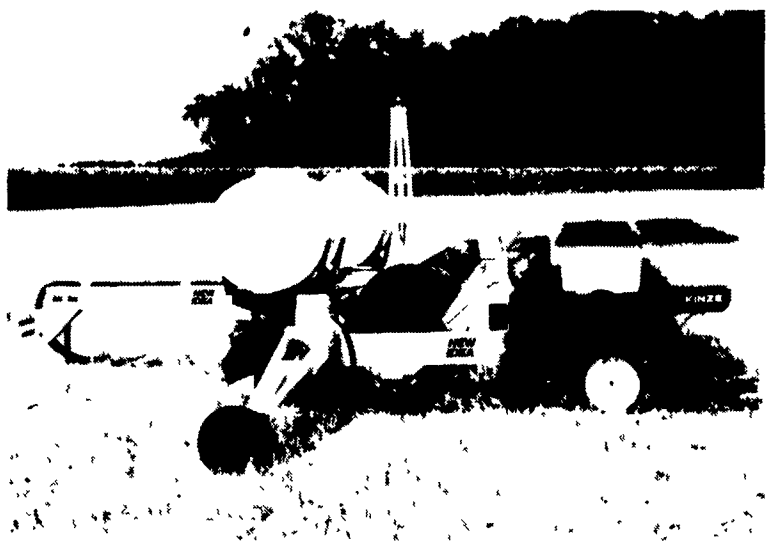


One of the new planter models available from New Idea.

New Idea offers wide range of planters

COLDWATER, OH. – Double Frame, Single Frame, Mounted and Folding Planter models are available from New Idea Farm Equipment Division to meet the varied needs of any planting operation.

The Double Frame Planters are available in 4, 6 and 8 row models. Conventional, minimum tillage, no-till planting, inter-plant capabilities for solid or skip rows, plus fertilizer, insecticide and herbicide applications can be handled due to the strength and versatile design of the Double Frame Planter.

The 4, 6 and 8 row Single Frame Planters in the 900 Series Planter line feature both pull and mounted models.

Forward Fold Planter models are the latest addition to the line offering 8 and 12 row planting capabilities.

These models fold and unfold effortlessly and feature low profile bi-fold markers on the 8 row model and triple folding markers on the 12 row unit.

All models in the New Idea planter line feature row markers that are among the heaviest in the industry. New Idea features Kinze Row Units on all models in their planter line for precise seed singulation and accurate seed placement. Full specifications on all New Idea planter models can be acquired from your New Idea Dealer.

Zimmerman completes year on Gehl dealer council

WEST BEND, WI – John Zimmerman Jr., Richland, PA, has recently returned from attending the 1985 Gehl Company Dealer Council at West Bend, Wisconsin, where he represented his farm equipment dealership, Lebanon Valley Imp. Co. Inc.

Zimmerman was one of 13 Gehl equipment dealers selected from the company's 1000 Gehl dealers in the United States and Canada to serve on the 1985 Dealer Council. The recent meeting involved communications between dealers, Gehl top management and department heads. Discussions covered concerns and resolutions for joint opportunities and future planning.

Gehl Company manufactures and sells a complete line of forage harvesting, manure handling, haymaking, materials handling and feedmaking equipment with corporate headquarters in West Bend.

John Zimmerman Jr., (left) of Lebanon Valley Imp. Co. Inc., is congratulated by Bernard Nielsen, (right) Gehl Company President, for his services on the Company's Dealer Council.

Portable pressure wash pump marketed

NEW BRIGHTON, MN – Hypro, a major manufacturer of pumps for agricultural and industrial markets has just introduced a new pump to the portable pressure wash industry.

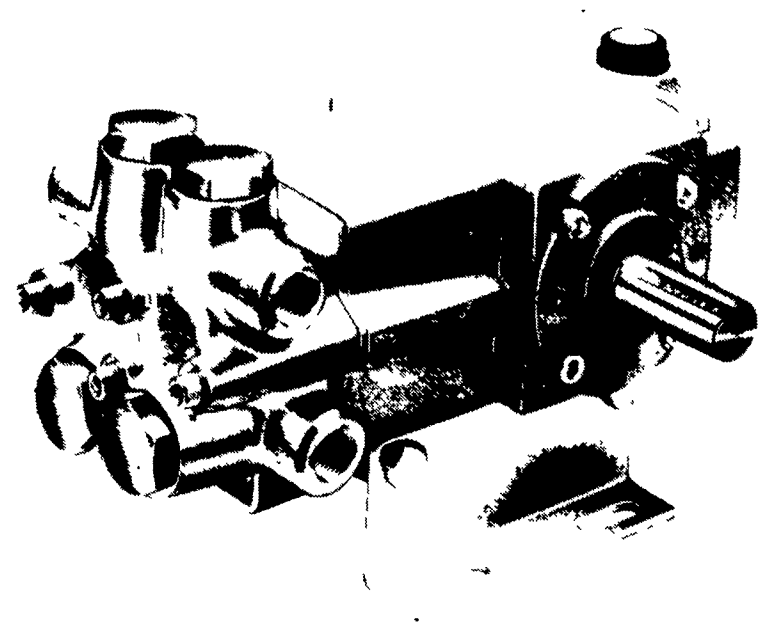
The new Series 8600 twin plunger pump was designed and built in the United States by Hypro to serve the growing need in the portable pressure wash market for a reliable, low-maintenance pump which can be driven by a 1½ HP, electric motor or a gas engine if desired.

The 8600 offers its users a choice of pressure ranges and drive speeds and other design options which make it one of the most versatile pressure washing pumps on the market.

Its compact size means it will fit almost any design configuration. The 8600 uses a more reliable, patented internal drive system. Its innovative, one-piece connecting rod and floating wrist pin reduces the number of crankcase parts by more than 30% which means less wear and tear on the pump and fewer moving parts to break down.

The crankshift runs in a sealed oilbath which continuously lubricates and protects internal parts. This, too, means more reliable pump performance and is why Hypro extends a full, 2-year warranty on this product.

The Series 8600 is reate at 2.2 GPM maximum PSI. Model 8630 is rated at 3.0 GPM maximum and 700 maximum PSI. Two rotation speeds are available: 1750 and 3450 RPM. Drive options include hollow shaft or solid shaft; belt or direct drive; Nema C face adapter for 56 frame, 1½ HP, 115 V, 60 hertz electric motor drive, Gas engine gear reduction drive (2:1 and 1.7:1 rations available).



The new portable pressure washing pump from Hypro.

A choice of three cylinder head materials: aluminum, bronze and stainless steel are available to provide for compatability with and protection from the cleaning solutions being pumped.

Portable pressure washers are used by farmers for cleaning equipment, buildings and livestock. Industrial uses include plant maintenance applications and the cleaning of food preparation areas in industry and consumer facilities.

The 8600 pump is an excellent choice for the fast food operators for efficient and low-cost clean up. It is also an excellent product for service station operators for clean-up requirements. The Series 8600 is manufactured by Hypro in the United States which provides for rapid delivery and fast turnaround service, duty free.

John Deere adds Ridge-Till attachment

MOLINE, IL – A new attachment for non-folding John Deere Max-Emerge planters makes the advantages of ridge-tillage available for a minimal machinery investment. Rather than purchase a new ridge-till planter, the attachment permits growers to convert existing planters for ridge-tillage planting.

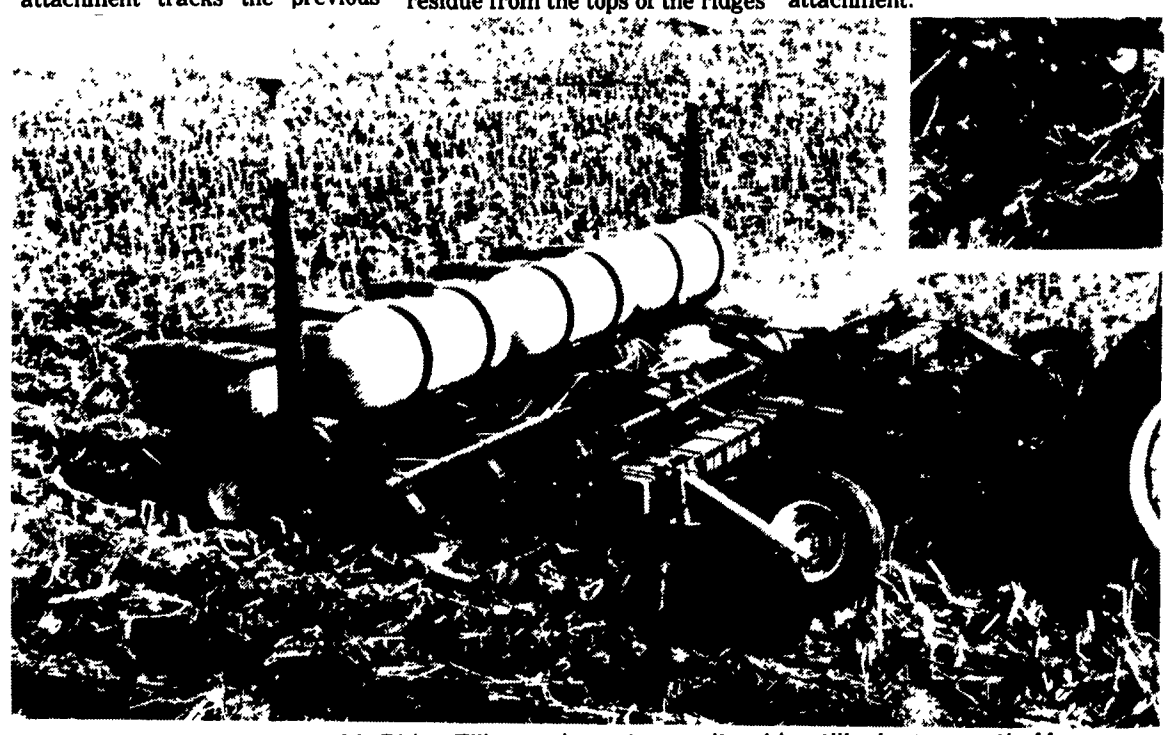
Mounted between the tractor and the Max-Emerge planter, the attachment tracks the previous crop's ridge, slices off the top of the ridge, and leaves a 14-inch wide seedbed for the Max-Emerge units to plant into.

The new 720 Ridge-Till Attachment achieves this with stabilizing gauge wheels and center coulters which slice through residue on top of the ridges and stablize the attachment and planter on the ridges.

Horizontal rotating disks clear residue from the tops of the ridges and deflectors push residue and excess soil into the furrows between the ridges.

New 720 Ridge-Till attachments are available in various sizes to work with Max-Emerge planters which plant four 36-, 38- or 40-inch rows, six 30-inch rows or eight 30-inch rows.

John Deere is also introducing an 885 Cultivator to cultivate crops planted with the 720 Ridge-Till attachment.



John Deere's new 720 Ridge-Till attachment permits ridge-till planting with Max-Emerge planters. Inset photo shows closeup of horizontal rotating disk and deflectors which clear crop residue and excess soil, producing 14-inch-wide seedbed ahead of each planter row unit.

New report on MPS treatment

KALAMAZOO, MI. – "The major changes in hog management practices in the last 10 years have included a gradual, but constant, shift to confinement operations, as well as a switch from interval farrowing to year-around continuous farrowing," according to Dr. Bernie Curran, D.V.M., of Eldridge, Iowa.

Dr. Curran's ideas, as well as the results from several individual trials around the country, are included in a management report on mycroplasmal pneumonia (MPS), now available from The Upjohn Company.

The report, which includes information on Lincomix comparison trials held by producers in Tennessee, Iowa, Michigan and Pennsylvania, provides results where Lincomix proved to be twice as cost-effective as other antibiotics (only two cents per pound of feed in the finishing phase), and days to market were decreased approximately two to three weeks compared to competitor-fed hogs.

Also included in the report is an account on the proper use of lincomycin in the swine herd by Dr. Harold Kjar of Auburn University. Dr. Kjar notes that lincomycin is one of the best forms of preventive medicine available to swine producers who are battling MPS.

A copy of this report is available by writing: Mycoplasmal Pneumonia Report #2, The Upjohn Company, P.O. Box 5087, Kalamazoo, MI 49001-5087.

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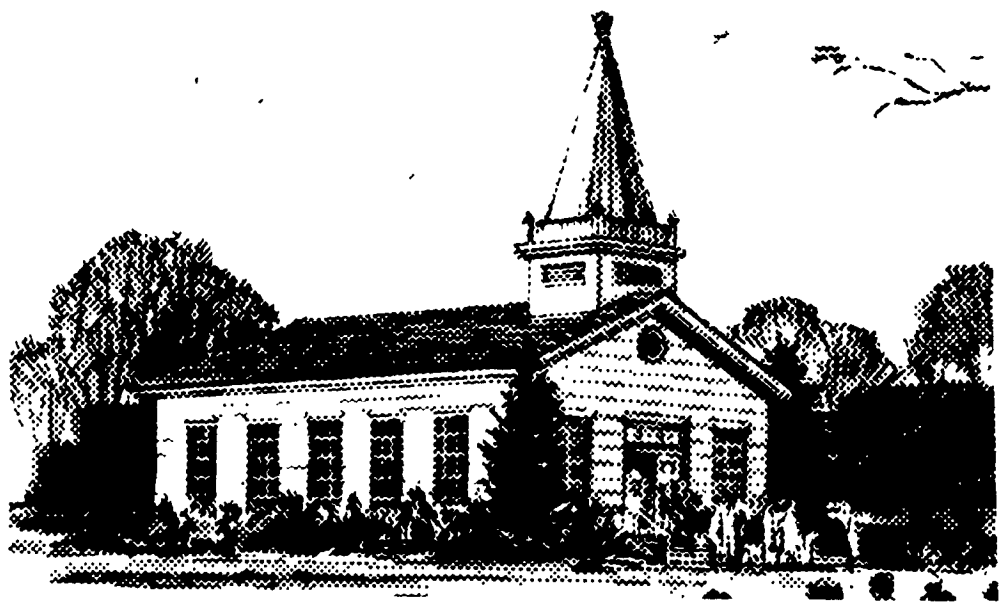

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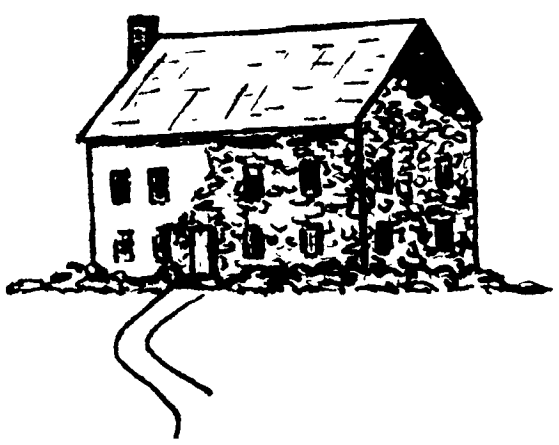

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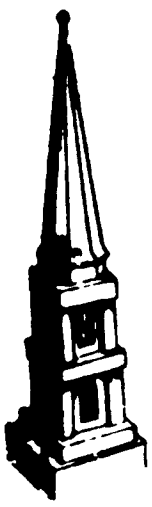

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Campaigning Farm Show beef is Nissley family tradition

BY SALLY BAIR
Staff Correspondent

MOUNT JOY – For Derek and Michelle Nissley, a trip to the Farm Show each year has become a family tradition. It is, in fact, a continuation of a tradition begun by their father, Marvin, when he was a 4-H member in Lancaster County. Now a leader, Marvin encouraged his children to join 4-H as soon as they were old enough to enjoy the advantages he did as an involved 4-H'er.

Michelle, 13, will be showing in Harrisburg for the fourth time, and admits that one reason she likes to take her steer to the Farm Show is that "I get to keep the steer longer. It is very hard to give it up." Those 4-H'ers who are not selected or who choose not to go to Farm Show must sell their 4-H animals after the county and district shows in November.

Derek, 11, is going for the third year, and says, "I like to show. It is more crowded at the Farm Show, and I like showing there." Since a full-grown steer is somewhat larger than Derek, a natural question is, do his project animals ever try to get away while he is showing them? "They never tried to get away," he says.

Michelle points out, "Showing is a payoff for hard work. I like getting the steers ready to show, although it is a chore to get them ready now because it is so cold." Activity becomes more intense as the show draws near. Derek says, "It's a daily thing for the last three or four weeks."

How do they feel their chances are at the Farm Show? Derek answers honestly, "It depends on the judge. I don't always agree with the judge."

Michelle says, "I won't do extremely well, but I think I'll place pretty good. It depends on the judge." Mrs. Nissley interjects, You learn not to get your hopes too high."

Both the Nissley children are showing Angus-Chianina crosses. At the county round-up, where they were selected as eligible to attend the Harrisburg show, Michelle showed first in the lightweight class, and Derek showed fifth in lightweight.. They both hope their animals will show as middleweights at the Farm Show.

Derek's animal was reserve champion at the Elizabethtown Fair and Michelle's was second in the class at that fair.

The Nissleys leave the care of their animals at the Farm Show to the caretakers who provide for all the Lancaster County steers. Once there, however, Michelle says, "We all help each other."

She also admits that some friends from the W.I. Beam Junior High School where she is in eighth grade "think it's weird" that she shows a steer, but she adds, "I don't care." Actually a few years ago Derek's whole class traveled to Harrisburg to watch him show. He attends the Maytown Elementary School.

Is money the key to Farm Show's popularity? Actually, Michelle points out that prices aren't any better there than at the county show, but the steers will weigh more. It means that they make just a little more. However, Michelle notes, "We have to pay off the loan that we took to purchase the steer, and the rest of the money goes into our savings account. We don't make very much."

Working together makes the work go easier for Mount Joy's Derek and Michelle Nissley. But they both admit that saying goodbye to two steers is doubly difficult.

While total numbers being shown from Lancaster County are down this year, Mrs. Nissley says that actually makes it nicer, because there is more space for those who are showing. She says many are choosing not to hold their steers if they are finished at round-up.

The Nissleys mostly purchase local steers, although for next year they have an animal purchased in Indiana. Michelle got first pick on next year's animal, so she chose the steer from Indiana. When asked if it is a problem for the two children to make the initial selection, Mrs. Nissley says, "It usually works out."

Being in 4-H is very much a part of the lives of Derek and Michelle. Derek says he likes it because he gets to meet a lot of people. Also, he says, "It makes you have more responsibility for something."

Michelle agrees that being in 4-H and caring for a steer teaches some valuable lessons. "You're responsible for your own steer and getting it ready. You also learn to handle money."

Michelle admits that this year she is dealing with a steer that has changed considerably over the months of preparation. "At the beginning my steer was awful. He was very hard to break to lead. He was one of the worst ones I had, but he's changed a lot." In fact, she now acknowledges, "I cry when I sell them. You can't help getting attached to them."

Derek agrees, "It is hard to sell them." He adds that his steer was tame from the beginning. Because they share the chores as they care for their animals, they also get attached to each other's animals, a double burden on sale day.

Of course the goal for any interested 4-H'er is always the ultimate title - grand champion steer at Farm Show. Do Michelle and Derek aspire to the title? Michelle answers, "It's a goal. It means your steer is the best steer."

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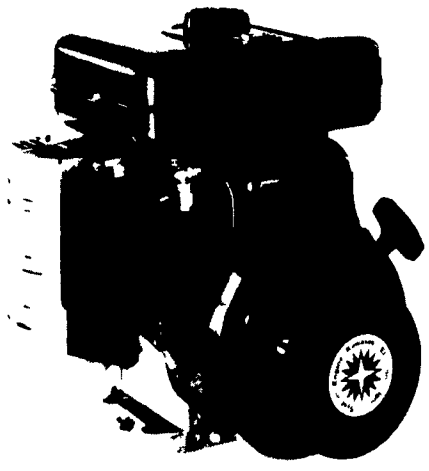

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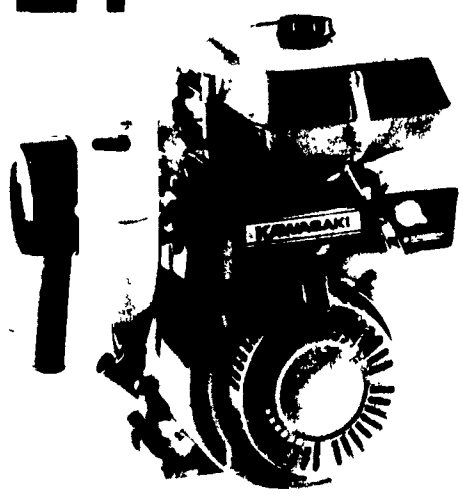

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Combatting triazine-resistant weeds

CHICAGO — Rotating crops and herbicide families is the key to stopping the buildup and spread of triazine-resistant weeds, according to University of Maryland Extension weed scientist, Dr. Ron Ritter.

Researchers worldwide have identified as many as 40 weed species that have developed a resistance to the triazine herbicides. More than 20 resistant species are found in the United States and Canada.

Velvetleaf is the most recent addition to the list. According to Dr. Ritter, triazine-resistant velvetleaf has been confirmed in Maryland.

While resistance has been a problem for several years in the Northeast and Mid-Atlantic states, the problem is starting to appear throughout the Midwest.

University of Wisconsin agronomist, Dr. Jerry Doll, reports tha triazine-resistant common lambsquarters, which had been previously identified in 12 Wisconsin counties, has now spread into Portage, Outagamie, Waukesha, Langlade, Clark and Calumet Counties. The state's first infestation of triazine-resistant redroot pigweed was confirmed in Brown County this year.

According to Dr. Ellery Knake, Extension weed scientist at the University of Illinois, development of triazine-resistance has not generally been a serious problem in Illinois. About 11 million acres of corn and nine million acres of soybeans are commonly grown in sequence, he says. Use of a variety of herbicides and rotating both crops and herbicides have helped to avoid the problem. However, Dr. Knake advises farmers who grow continuous corn and do not rotate herbicides to be on the alert.

Resistant pigweed has also spread into Shelby County, Ky. Dr. Mike Barrett, at the University of Kentucky, says pigweed is the first weed confirmed as resistant in the state.

In Iowa, triazine-resistant kochia has been identified in non-cropland in Pottawatomie County, near Council Bluffs. Dr. Richard Fawcett, an independent crop consultant in Huxley, says several other non-crop areas in western Iowa also look suspicious, but no other cases of triazine-resistance have been documented.

Triazine-resistant kochia is also found in 10 counties in central and southwestern Nebraska.

Triazine-resistant lambsquarters has been found for the past three years in Fillmore, Goodhue and Olmsted Counties in Minnesota.

Until recently, triazine resistance was confined to areas where corn was grown continuously and where triazine herbicides were used year-after-year. Repeated use of triazines can cause a shift among varieties, or "biotypes", of weeds. Eventually, the resistant biotypes become dominant.

Dr. Ritter says resistant weeds often appear in end rows and along the edges of a field. From there they spread to other areas of the field or farm by harvest equipment, manure spreading and seed reproduction.

Dr. Ritter recommends farmers clean machinery between fields to avoid spreading seed and avoid spreading contaminated manure in clean fields.

"Farmers should also rotate crops and herbicides," he says. "Herbicides from the same family shouldn't be used every year. Escaped weeds should be controlled with cultivation and herbicides with different modes of action than the triazines."

As a total weed control program, Dr. Ritter recommends a pre-emergence application of an acetanilide-type herbicide, such as Lasso or Dual, for control of grasses and suppression of resistant pigweed, followed by 1 pint of Banvel herbicide for control of triazine-resistant broadleaf weeds, as well as other annual broadleaves and perennial seedlings.

Rotating triazines won't work. Once a biotype develops a resistance to one triazine, it is resistant to all of them. The triazine herbicides include: atrazine (AAtrex, Atranex, Griffex) simazine (Princep, Simanex), cyanazine (Bladex), and the asymmetrical triazine metribuzin (Sencor, Lexone).

Recent research also shows that triazine-resistant weeds also develop a resistance to the other photosynthesis-blocking herbicides, such as the substituted ureas (Lorox) and uracils (Hyvar).

Farmhand, Inc. unveils new loader

Farmhand, Inc. announces a loader for two wheel drive and front wheel assist tractors in the 80 to 180 horsepower range....the new 1140 Universal Fit Loader. It features a quick-tach mounting system (no tools required), Attachment Quick Coupler for quick attachment change and a hydraulic self-level valve option for bucket leveling during lift cycle. The frame cross tube has built-in reinforcement for protection against twisting. The new 1140 Loader has rear axle mountings for extra ground clearance and heavy-duty stress proof pins. The life frame is constructed of Premium Strength Steel and has a lift capacity of up to 4,000 pounds; lift height is 13'6" or 14'6" using the high lift pin setting position. Farmhand, Inc., based on Excelsior, Minnesota, markets a wide range of loaders, manure spreaders, tillage and grinding equipment through dealers and distributors throughout the United States and Canada. For more information, contact Farmhand, Inc., 6421 Hazeltine Boulevard, Excelsior, Minnesota 55331.

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Arnolds aim to produce pigs that pay their way

BY JACK HUBLEY

LEBANON — If you're a junior swine exhibitor and you're located in the southeastern part of the state, then chances are, you already know that Arnold Hog Farms is a good place to shop for show prospects.

The name actually applies to two separate farms. Leon Arnold raises Yorkshires and a few Landrace on his Lebanon farm, while his brother Larry produces Durocs over in Berks County.

This year Lancaster County showman Andy Groff took top honors in the county's FFA roundup with a pig sired by one of Larry Arnold's boars, and Groff's Lampeter Fair champion market hog was bought at Arnold's feeder pig sale. That sale also produced all four weight class champions and two reserve champs at the Lebanon Fair, as well as all of the 1985 Carbon County champions. At Lancaster County's Ephrata Fair the champion and reserve lightweight entries owned by Kevin Martin were also out of the same Arnold sale.

Some of the honors manage to stay in the family, as well. Last year, for instance, Leon's granddaughter, Shelby Heagy, took top honors at the Lebanon Fair as a first-year 4-H'er.

And at last Saturday's Lebanon County Roundup, two of Shelby's four show prospects caught the judge's eye, one being named grand champion of the show, and a second qualifying for a trip to Farm Show next week.

Leon, whose top priority is producing purebred boars and crossbred females for commercial pork producers, spends little time in the showring. He does, however, see plenty of merit in the carcass shows where he can obtain cutout information on his entries.

At the 1985 Keystone International Livestock Expo, one of Arnold's entries proved to be more than just another pretty face, taking overall reserve grand champion carcass honors. At only 5½ months of age, the 245-pound hog registered a 6.3-inch loineye with .7-inch backfat.

For Leon, the production of quality swine has been a lifelong enterprise, beginning nearly 40 year ago when he took a brood sow for his first FFA project. In 1973 the Lebanon County native bought his present farm and began turning the ex-dairy facility into a purebred swine operation.

The farm's dairy barn became a farrowing house with the addition of 18 crates. A Nebraska-style finishing building houses 560 head, with 35 pigs in each pen. Animals to be retained as breeders are taken out at 200 pounds and moved to a Cargill open-front breeding building.

Leon Arnold (left) and son Tom keep the litters coming at Arnold Hog Farms. A 1981 Cedar Crest graduate, Tom plans a career in swine production.

Leon's granddaughter, Shelby Heagy, will be among the Farm Show contenders at next Thursday's Junior Market Swine Show.

Leon and Tom check their breeding stock, housed in this Cargill finishing building.

Rather than plunge "whole-hog" into the business, Leon has adopted a more prudent approach. "I made the pigs pay for all the buildings before I put them up," he says, emphasizing that no farming enterprise is worth the time and effort if it doesn't turn a profit.

Thus far, the Arnold business philosophy has proven to be right on target. At present, the Arnold operation farrows 160 litters a year. Five production sales are scheduled annually, with about 600 boars and 400 or more bred gilts going to commercial operations in Pennsylvania, New York and the New England states. A few hundred additional gilts are bred to order.

Production is the key to the commercial man's success, says Leon. "A sow has to raise a litter, or you're not going to be in business," he emphasizes. To that end, he finds Yorkshires to be the ideal mother breed. A prolific breed, Yorks milk well and have an excellent maternal disposition, says Leon.

Arnold pays close attention to his herd's genetics, canvassing the test stations for the top boars. Leon bought the top indexing York boar at Penn State's Performance Tested Sale in 1985, as well as the top indexing and selling boar in Ohio in 1984. This Ohio boar was ranked 11th among 600 York test station boars nationwide, says Leon.

The best, of course, doesn't come cheap, and Leon makes sure that a prospective herd sire meets his standards before a check is written. "A wide-chested pig is probably the most important," says Leon. "He has to be a well-muscled pig with a lot of freedom of movement," says the breeder, noting that a productive boar will be spending plenty of time on his feet.

One sire that comes close to Leon's ideal is his "Motor" boar, the sire of KILE's 1983 overall champion, as well as the 1985 overall on-rail champ. "He made us a lot of good pigs over the years," reflects Leon.

In KILE's junior show, Arnold-bred on-rail entries also took first-place lightweight honors, second in the mediumweight division and third among the heavyweights.

Leon's concern for producing genetics that yield a quality carcass has undoubtedly cost his family trophies in the showring. "Our pigs don't place well on foot," he says. "They come right out of the finishing barn. But if you condition them (he includes limit feeding and exercising as conditioning procedures) then you're not really learning anything."

At age four, Tom's son Jason already has his hand in the business. Here he offers a snack to Duke, one of Ohio Test Station's top indexing boars in '84.

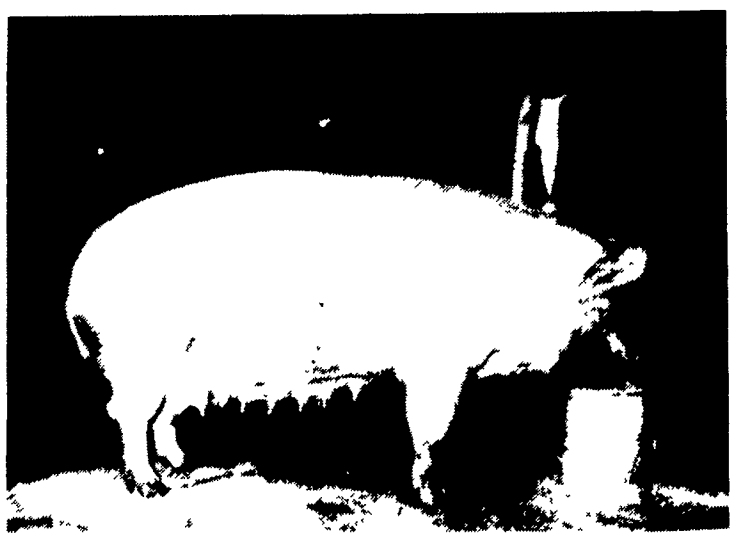
Nevertheless, plenty of junior exhibitors have learned that attending an Arnold sale is a good way to get the show season off to a running start. In April of last year, for instance, the Arnolds sold 90 crossbreds and purebreds for swine projects.

What's the winning combination? "A Duroc boar and a York sow," says Leon. "Both have real good mothering ability, and you get a white offspring, which is what the packers want."

When it comes to litter size, Leon believes that quality—not quantity—is the way to go. "We ought to be making money on the pigs we have, and not trying to produce more pigs," he emphasizes. "We like to wean 10 pigs per litter, and we've been pretty close to that," says Leon.

A 4-H leader for the past 28 years, Leon finds a market hog project to be ideal for young exhibitors. "A pig is a pretty efficient animal and makes a good short-term project," Leon says. "In 90 to 120 days they'll (exhibitors) have their money back."

But whether their animals find their way to the showring or to the commercial producer's farrowing house, Arnold Hog Farms' emphasis will always be on the production of quality boars and gilts capable of bringing home the bacon for their owners.



Veteran Arnold sow, Lucy, has farrowed 215 pigs,. She's littermate to Penn State's top indexing boar in 1979.

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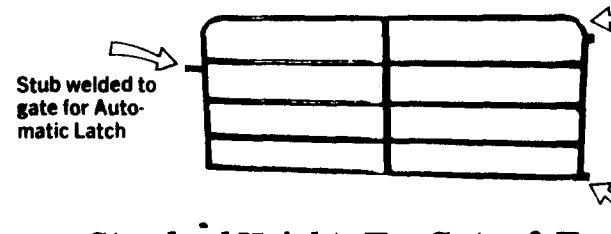

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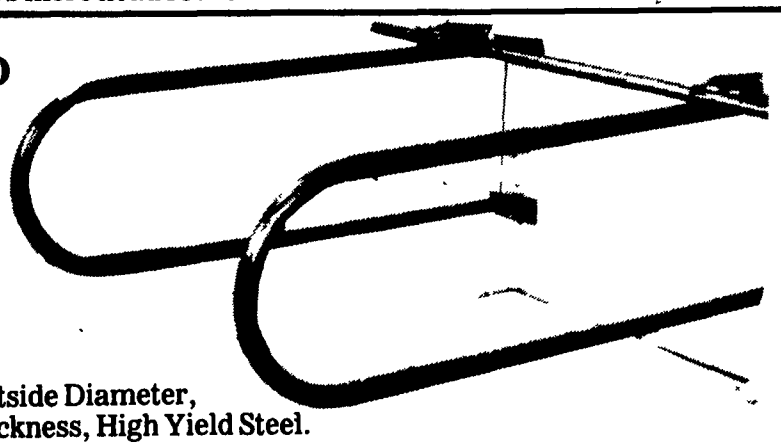

Stall Tubing 2-3/8" Outside Diameter, 12 Gal. (.109) Wall Thickness, High Yield Steel.

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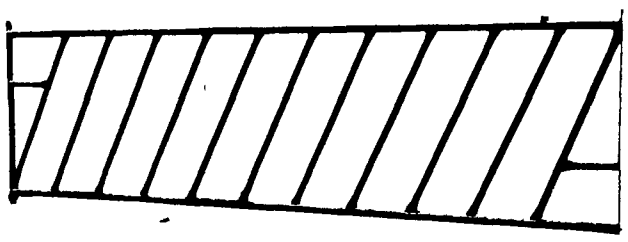

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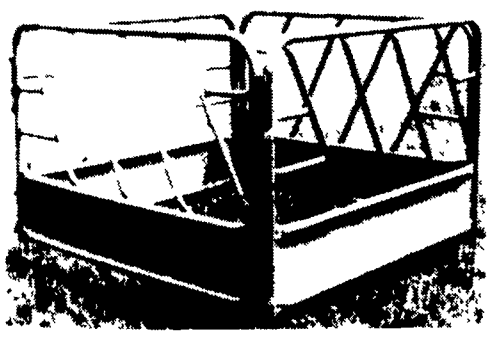

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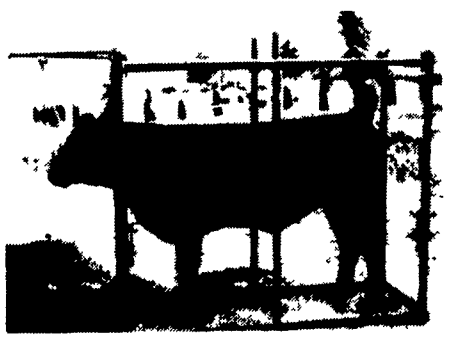
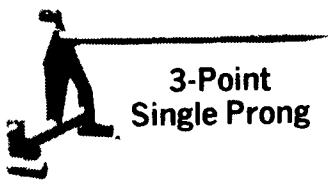
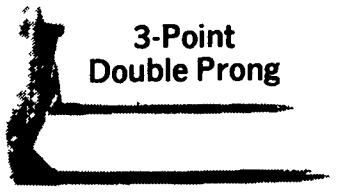
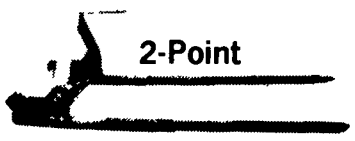


ROUND BALE MOVERS





The Same Unit Can Be Used With One Prong For Center Of Bale Or Two Prongs For Under Bale.



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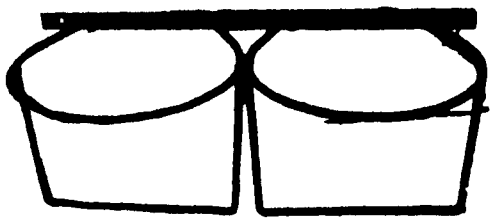

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FFA honors Kubota exec

COMPTON, CA. – The Honorary American Farmer degree was presented to L.W. Templeton, Vice President/Sales, Kubota Tractor Corporation, at the 58th National FFA Convention held in Kansas City.

Templeton, an Executive Sponsor of the FFA program for the past 11 years, joined the Foundation Advisory Board this year to help raise $2,300,000–an all-time high for the board. "It is imperative that we support this group of high school and college-level youths," says Templeton, "as they are our national future agricultural leaders–and through them the United States' agricultural industry will be able to grow and prosper."

In addition to Templeton's distinguished award, some of the week's highlights at the world's largest agricultural convention included awarding the highest level of membership, the selection of winners in agricultural proficiency and judging team competitions and nationally known guest speakers. Six new national officers were elected to lead the nearly half-million member organization.

Bill Templeton, left, vice president of sales for Kubota Tractor Corporation, receives Honorary American Farmer Degree from 1985 Future Farmers of America president, Steve Meredith.

Du Pont joins venture

WILMINGTON, Del. – Du Pont Australia Ltd., a wholly owned Du Pont Company subsidiary, has formed a joint venture with Commonwealth Scientific and Industrial Research Organization (CSIRO) and Sirotech Limited to develop, manufacture and market, on a worldwide basis, agricultural crop protection products from CSIRO research.

Sirotech is the marketing arm of CSIRO, which is an agency of the Australian Government.

"The venture will combine Du Pont's worldwide development, manufacturing and marketing expertise with the pioneering research work being done by CSIRO to increase farm productivity," said Dale E. Wolf, Du Pont's group vice president - agricultural products.

Sirotech will own 51 percent and Du Pont will own 49 percent of the venture. The undertaking is expected to generate a wide range of crop protection products, with first commercial sales anticipated within five years, Dr. Wolf said.

Du Pont's field evaluations of current CSIRO inventions confirm high biological activity and indicate significant potential for worldwide crop protection markets, he said.

Dr. Wolf said the potential of the new venture should be measured against a total worldwide agricultural pest control market of approximately $15 billion.

When business warrants it, the partners expect to build manufacturing facilities in Australia, Dr. Wolf said.

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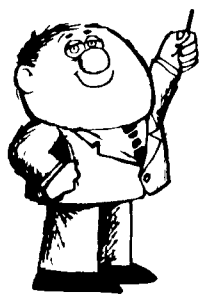

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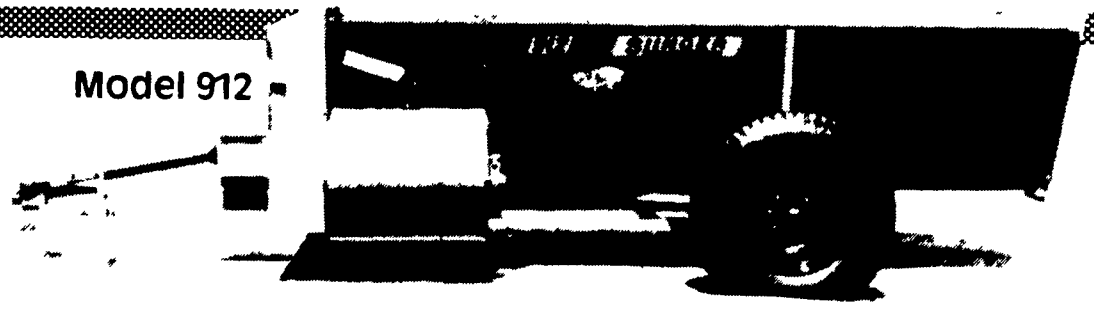
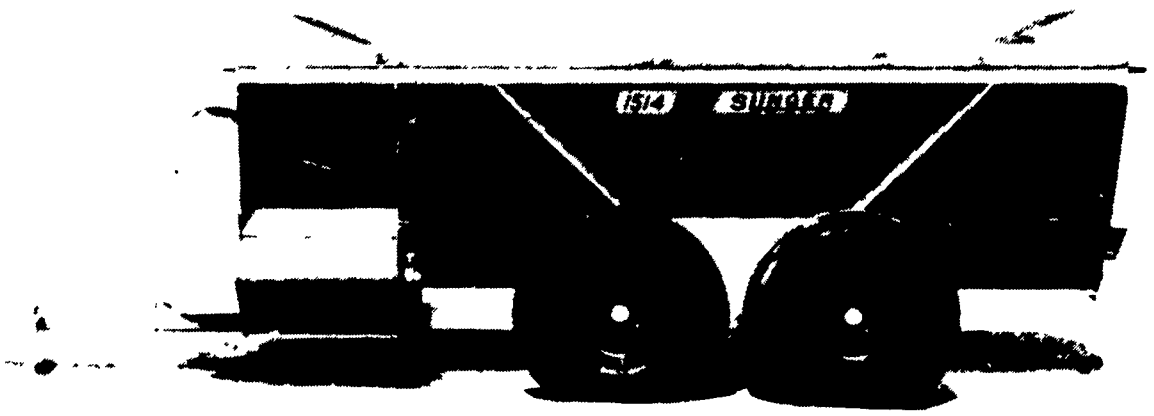
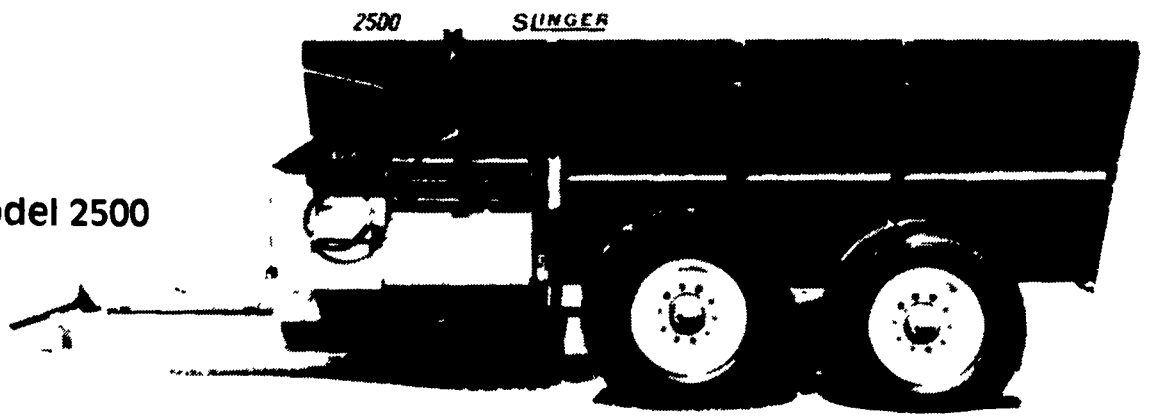


Model 912



Model 1514



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New Idea: a lot more than 'good spreaders'

COLDWATER, OH – New Idea. If you ask a farmer what that name means, more than likely he'll say, "good spreaders". And there's a very good reason for that association. In 1899, a village schoolmaster named Joseph Oppenheim invented the first successful box-type manure spreader and founded the New Idea Spreader Works in Maria Stein, Ohio. Ever since, manure spreaders have been a very important product line for New Idea.

In the early years, the demand for spreaders was brisk and New Idea grew quickly to become an important manufacturer of spreaders and other farm implements, such as the first steel wagon with automotive-type steering, transplanters and a variety of corn harvesting and shelling equipment. In fact, in 1927, New Idea introduced the first corn picker ever developed for use with a tractor.

Other popular products of those early years included corn shellers, portable elevators, hay loaders, side delivery rakes and field mowers.

THE AVCO YEARS

The 1940's were turbulent times. And many changes occurred at New Idea as well. Avco Corporation purchased the company in 1945. And the new influx of working capital facilitated many changes and new products.

The Coldwater manufacturing plant was expanded again to greatly improve its manufacturing capabilities. In addition, the increase in financial resources made a series of acquisitions and new product offerings possible. This had a major impact on sales and earnings growth for many years.

For example, in 1951, New Idea acquired the Horn Manufacturing Company of Fort Dodge, Iowa, and added several products to the New Idea line including a stalk shredder, hydraulic loader and a steel wagon.

Then in 1953, Ezee-Flow Corporation was acquired and its line of dry fertilizer spreaders was added to the New Idea family of farm equipment.

Through the '50s and into the 60s, the New Idea product line continued to grow. There were many new hay tools, new spreaders and new corn pickers. And then in 1963, New Idea acquired the manufacturing and marketing rights for the "Uni-tractor" line from Minneapolis Moline. And by 1965, New Idea had introduced the Uni-System...a line of self-propelled harvesting equipment with separate, interchangeable Power Units and processing units.

Through the late '60s and '70s, New Idea improved the Uni-System adding larger, higher horsepower Power Units and increased capacity processing units. And because farms were getting fewer and larger, the New Idea product line changed to include larger spreaders and yet more efficient hay harvesting equipment.

In 1977, a new round baler was introduced. And then again in the fall of 1978, a new generation of larger, 6-row, self-propelled Uni-System harvesters was introduced.

So by the late '70s, the New Idea line was (for a short-line company) extensive. With over 34 acres of manufacturing facility under roof on the 78 acre Colwater site, New Idea was positioned for expansion at a time when few could envision the economic calamity that was about to overtake the U.S. agricultural economy.

In the five years between 1979 and 1984, New Idea aggressively revised its marketing plans, eliminated unrequifed burden and inventory, and conceived and executed a survival strategy which worked.

During those years, Avco Corporation decided to focus its resources to the nurturing of its core business of insurance, finance and defense. New Idea was for sale.

But even that didn't stop progress. In 1982, New Idea completed several years of product testing and development and introduced a new generation of conveyor manure spreaders.

In addition, the company introduced the Solids Plus spreader line, a new self-propelled forage harvester, and its 866 windrow pickup, the first pickup of its type to feature automatic header height control.

Then in the summer of 1982, New Idea purchased the hay tool assets from International Harvester. A joint agreement was also announced to manufacture hay tools for IH.

New Idea also introduced a new line of conservation and conventional planters in 1982. Made possible by a marketing agreement with Kinze Manufacturing, the new planter line boosted sales and attracted many new dealers.

ALLIED BUYS NEW IDEAS

And then on July 20, 1984, the Chicago-based Allied Products Corporation announced its decision to purchase New Idea from Avco.

Allied Products Corporation is a diversified industrial manufacturer with core businesses which include agricultural equipment, transportation products and materials technology.

Its current agricultural equipment manufacturing holdings include Bush Hog, Kewanee, Continental Gin and New Idea. And while the agricultural economy continues to receive downward pressure from low farm income, high inventories, low prices and weak international demand, Allied Products and New Idea remain profitable. In fact, Allied's 1984 sales grew 81%. And the 122% increase in its common stock book value made it the leading gainer on the New York Stock Exchange during 1984.

New Idea has completed a repositioning for growth. Inventories are trimmed. Facilities are updated. Processes are modernized. And the business is being managed in a lean, yet aggressive manner. New Idea has returned to profitability.

Evidence of their profitability can be seen in the introduction of new equipment. The company recently introduced a new line of very competitively priced manure spreaders which have accounted for a 30% spreader sales growth and significantly increased New Idea's spreader market share.

Other recent product announcements include new low-profile forage harvester heads, new forward fold planters, and new high horsepower Power Units.

All of the new products, as well as the other products currently being offered to New Idea dealers, include the new company identity and color scheme recently announced. While retaining the well-known New Idea name, the new company logo and colors identify this 84-year old company as an organization that is up-to-date and aggressive.

NEW IDEA TOMORROW

So what about tomorrow? New Idea management states they are strongly committed to supplying the highest quality products at competitive prices for North America's farmers and ranchers. As an example, the new spreader line now has a list price thousands of dollars lower than previous models. And while reducing prices, they are improving their quality and making product improvements that offer the best dollar value available to the farmer today.

And in addition, New Idea has diversified its product line with the recent announcement of its new Ford Bronco II Plus for Applied Concepts, which is the first of several new automotive products that will better utilize their 78 acre facility.

If the new New Idea's performance is a sign of things to come, New Idea is once again, a company on the grow.

York soil project deadline near

YORK – York County farmers in the Conewago and Codorus Creek Watersheds who have critical manure runoff and soil erosion problems may qualify for up to $30,000.00 to correct potential pollution problems, under the Pennsylvania Chesapeake Bay Financial Assistance Program.

According to York County Conservation District Chairman. Keith Eisenhart, "Farmers in the Conewago and Codorus Creek Watersheds have from January 1 - 17 to apply for funding under the Bay Program." The locally administered Bay Program provides cost-sharing to farmers for the installation of soil and nutrient conserving measures such as grass waterways, animal waste storage facilities, and contour stripcropping.

Applications are being taken at the York County Conservation District Office at 118 Pleasant Acres Road, York between the hours of 8:30 and 4:30 and also at the following locations: January 7 at the Dover Township Municipal Building (1 p.m.-8 p.m.); January 9 at the Springfield Township Municipal Building (1 p.m. - 8 p.m.); and January 14 at the Paradise Township Municipal Building (1 p.m. - 8 p.m.). Farmers can find out more about this program by calling the District office at 771-9430.

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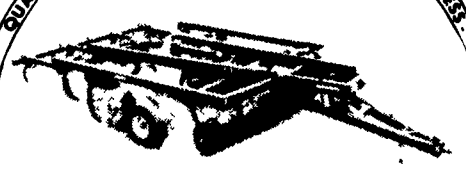
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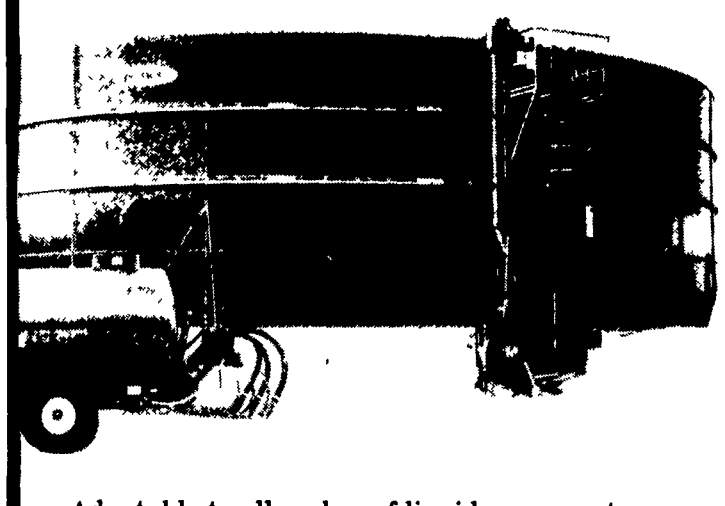

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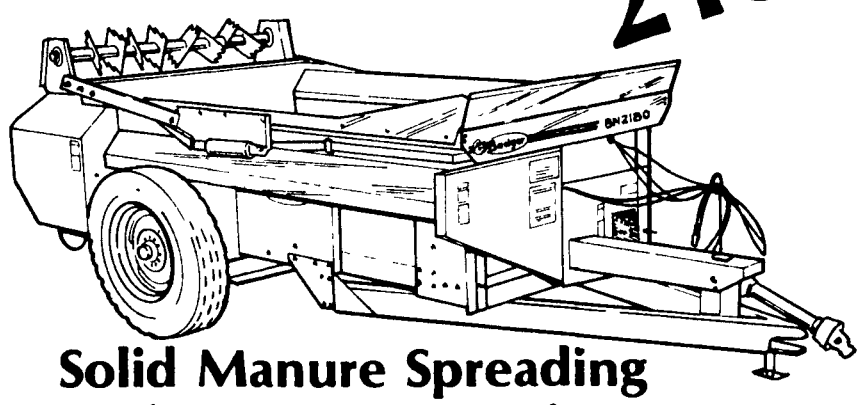

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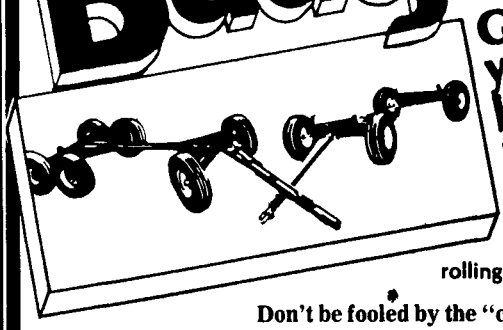

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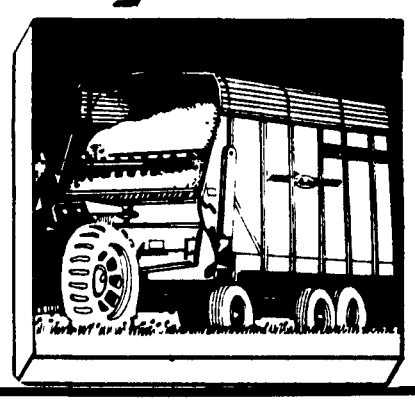

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Legume cover crop cuts no-till corn costs

CHICAGO — Farmers who will be planting a crop into last year's set-aside land should plan ahead for effective, yet low cost weed control, says Dr. Ellery Knake, University of Illinois Extension weed scientist.

"Alfalfa, clover or other forage legumes on set-aside acreage can compete with undesirable weeds, add nitrogen and help prevent erosion," he adds. "A legume cover crop also sets the stage extremely well for no-till corn."

Dr. Knake says one of the keys for a low-cost no-till program is to seed only legume but no grass. Including grass can significantly raise the cost of herbicides needed to control the cover crop. "The easiest way to control grass is not to seed it," he says.

Dr. Knake recommends planting red clover—either mammoth or medium—or alfalfa. Oats or wheat might be used as a companion crop if it is to be clipped to prevent seed production. As an alternative to the companion crop, he suggests incorporating 1½ pints per acre of Treflan.

To "burn down" the clover sod for no-till corn, Dr. Knake says a combination of 1½ to 2 pounds each of atrazine and Bladex, has provided good control of the legume while also giving residual weed control. Addition of Banvel herbicide can strengthen control, especially if some perennial or certain winter annual weeds are present.

While this combination can provide a low-cost program and may be adequate, addition of Lasso or Dual may strengthen control of annual grass weeds. A higher rate of Bladex is also a possibility. An early postemergence application of Banvel herbicides can serve as a touch up for legume escapes or broadleaf weeds.

Dr. Knake notes that while the triazines have been effective on shallow-rooted clovers, they are not adequate for deep-rooted alfalfa. For alfalfa, or as an alternative for control of clover, Dr. Knake suggests growers consider a split application of Banvel herbicide. Research results have been quite good using ½ pint of Banvel before planting, followed by 1 pint early postemergence, when corn is spike-to-5 inches tall. One pint prior to planting, followed by ½ pint early postemergence has also been effective, he notes.

In addition to controlling the legume, he says the postemergence application of Banvel will help control existing annual and perennial broadleaf weeds until the corn canopies. The pint can also provide some soil residual activity to extend control. Dr. Knake says mulch from the legume can also aid in controlling weeds, and cultivation is not generally needed.

Banvel is also now labeled for fall application to control legumes prior to planting no-till soybeans in the spring. Dr. Knake says 1 pint of Banvel, applied in fall when clover is still actively growing, should be adequate.

User's report on Dyna-Drive tillage tool

MENDOTA, IL. — When Hart-Carter Company introduced Dyna-Drive early in 1985 and said, "It was one of the most unique tillage tools available today," most listeners responded with, "So what else is new?"

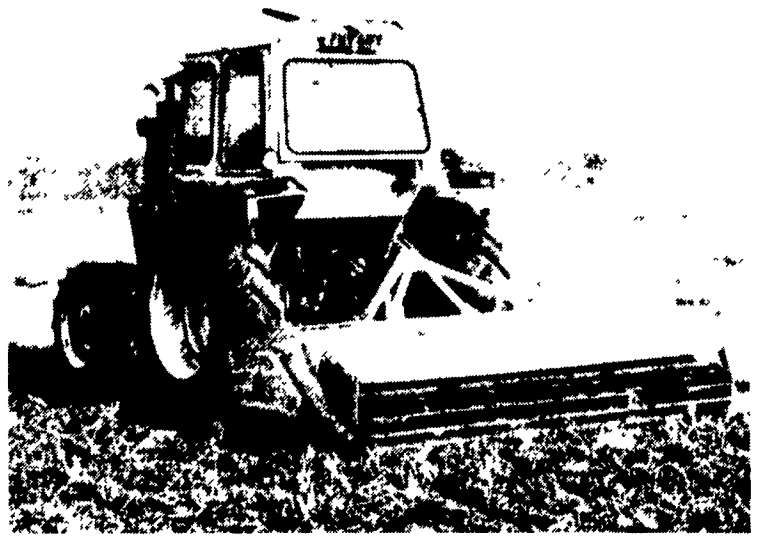
However, a significant number of farmers throughout the country attended demonstrations or listened to their dealers and bought a Dyna-Drive. Their major response was, "I can't believe it did such an outstanding job in just one pass." Hart-Carter Company has published a "Dyna-Drive User's Report" which contains interviews with growers from a cross section of the country using Dyna-Drive for a variety of crops.

Dyna-Drive is a ground driven (no PTO or gear box) tillage tool that utilizes twin rotors with paddle-shaped tines in a spiral pattern spaced every 4½" with ground contact every 2¼".

The front tires rotate at about one-half ground speed which provides a lifting, soil fracturing action. The rear tines rotate three times faster breaking up clods and leaving an ideal well-drained, weather protected seedbed.

The close-following tillage tool, operating at speeds up to 10 m.p.h., should lower fuel costs and mean less strain on tractor. Depending on soil conditions, one-pass tillage is very possible.

This report plus literature is available free from Dyna-Drive dealers or by writing Hart-Carter Company, 1501 1st Ave., Mendota, IL 61342 or phone 815/539-9371.



Hart-Carter Co. has issued a user's report on the new Dyna-Drive tillage tool, introduced last year.

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Savings on herbicides may be lost at harvest

CHICAGO – When farmers examine ways to cut production expenses, herbicide costs come under close scrutiny. Farmers may be tempted to reduce rates or to use the most inexpensive herbicide treatment available.

However, weed scientists, crop consultants and herbicide applicators warn that money saved on herbicides may be lost at harvest because of poor weed control and crop injury.

Poor weed control has short and long-term repercussions on productivity Many farmers acknowledge, for instance, that weed pressure can be more severe in conservation tillage, and effective herbicide programs are necessary to reap the benefits of reduced and no-till systems.

"It doesn't take much extra yield to pay for weed control," remarks Galen Lowman, general manager, Cargill Inc., Algona, Iowa. "Just a couple of bushels of corn per acre lost to weeds will pay for the cost of herbicides, and one bushel pays for the application."

Lowman points out that it doesn't take many of the weeds found in his area – buttonweed (velvetleaf), smartweed, sunflowers - to reduce yields enough to justify the cost of herbicide treatment

Other experts share Lowman's assessment of the importance of weed control in corn. Dr. Robert Wilson, University of Nebraska professor of agronomy, says poor weed control has short and long-term repercussions on farmers' productivity.

"All things considered, weed control in corn may be very economical," Wilson explains. He recommends that farmers control weeds in corn before rotating to another crop, such as soybeans.

"If a farmer uses herbicides for a cocklebur problem in corn, he might spend around $5 an acre. But if he tries to control cocklebur while the field is in soybeans, he'll probably spend $30 an acre on herbicides," he says.

According to Wilson, all herbicides have strengths and weaknesses. When choosing herbicides, factors such as types of weeds, soil conditions and cropping practices, as well as price, should be considered.

In order for a herbicide to deliver a high return on investment by not allowing weeds to reduce yields, it must consistently perform well and not injure the crop. Wilson says that research at the University of Nebraska shows that most early postemergence treatments with translocating herbicides provide good broadleaf weed control without harming corn.

Since its introduction in 1947, 2, 4-D has been a popular postemergence herbicide. However, it does have some limitations. George Hoffmann, Velsicol Product Development field representative, Urbana, Ill., says, "2, 4-D applied to control the early weeds doesn't have any residual activity for the late weeds, like velvetleaf. Yet it's likely to stress corn if it's applied late. It causes brittleness in corn, which makes the plant susceptible to breakage from heavy winds or cultivation."

In contrast, 1 pint per acre of Banvel herbicide applied when corn is spike to 5 inches tall provides residual control through canopy. This means full-season control of yield-robbing broadleaf weeds without corn stress, Hoffmann explains.

In addition, Banvel provides better suppression of perennial broadleaves, such as Canada thistle and bindweed. "Banvel is absorbed into the root and stem tissue of perennial weeds. It will control not only perennial seedlings but will also suppress existing perennials and weed growth from roots," says Richard Pierce, Velsicol Product Development field representative, Bloomington, Ind.

Many weed scientists agree that one pint of Banvel applied early post provides consistent perennial suppression. "For Canada thistle and bindweed control in corn, I recommend Banvel at the maximum labeled rate," Dr. Wilson says.

Pierce points out that because of its residual activity, translocating ability and water solubility, Banvel early post treatments deliver consistent control in reduced and no-till systems without having to increase rates because of surface residue.

He adds that farmers should look at the big picture when planning a weed control program. Crop safety, broad spectrum weed control, perennial suppression, residual activity and performance in various tillage systems are important ingredients in getting a high return on herbicide investments.

Mowers offered by New Idea

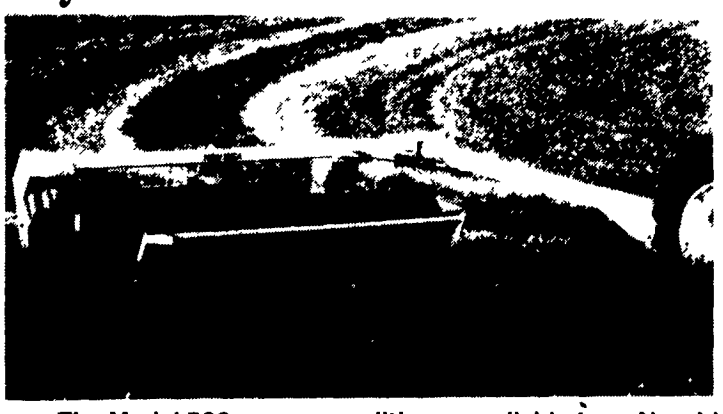
COLDWATER, OH – New Idea Farm Equipment Division, Coldwater, Ohio, offers four models of Mower Conditioners for clean cutting performance in a wide range of cutting widths.

The Models 507, 509 Mower Conditioners are PTO driven and are equipped to cut in 7 and 9 ft. widths. The hydraulic driven models 512 and 514 offer 12 and 14 ft. cutting capacities. All models are equipped with precision machined, intermeshed conditioning rolls for uniform crop conditioning.

The rolls are constructed of rubber for longer life and are interlocking to gently condition stems for faster drying.

A three point header suspension system features a unique vertical and lateral float. The header uniformly follows ground contour for a more even cutting performance.

The Models 512 and 514 feature a center pivot tongue allowing the unit to be hydraulically positioned to the right or left side of the tractor for field operation or to the center for transporting.



The Model 509 mower conditioner available from New Idea Farm Equipment Division.

Queen Anne to continue as Seedway dealer in Maryland

YORK – Seedway, Inc. announces that Queen Anne Grain Co., Inc. of Queen Anne, Maryland, will continue to serve as a Regional Warehouse and Dealer for Seedway on Maryland's Eastern Shore.

Gene Hohl, Marketing Manager of Seedway's York, Pennsylvania Division, which supplies Queen Anne, reports that trial distribution last year worked very well to serve farmers on the Delmarva Peninsula.

Kirby Metz, III and his staff at Queen Anne Grain very capably handled in excess of 80,000 pounds of seed last year and anticipate increased volume in spring 1986. Queen Anne will serve farmers directly as well as the network of Seedway Dealers in the Delmarva area.

Seedway and Queen Anne Grain market Asgrow-O's Gold and Todd hybrid field corn, as well as a complete line of field and lawn seed.

Kirby Metz III, Queen Anne Grain Co. and Seedway fieldmen John Rencher and Rawlings Nelson pause to reflect on Queen Anne's successful trial year as a Seedway distributor.

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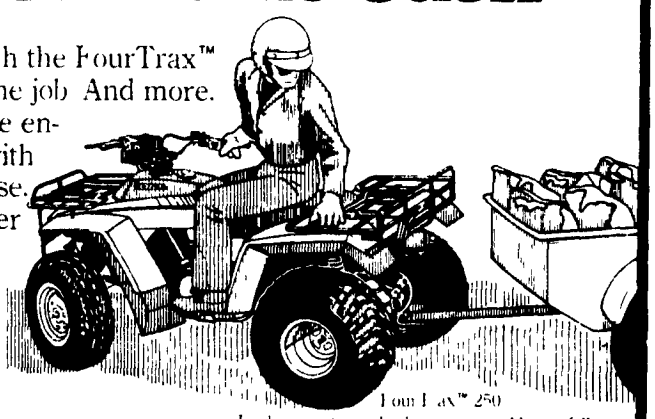

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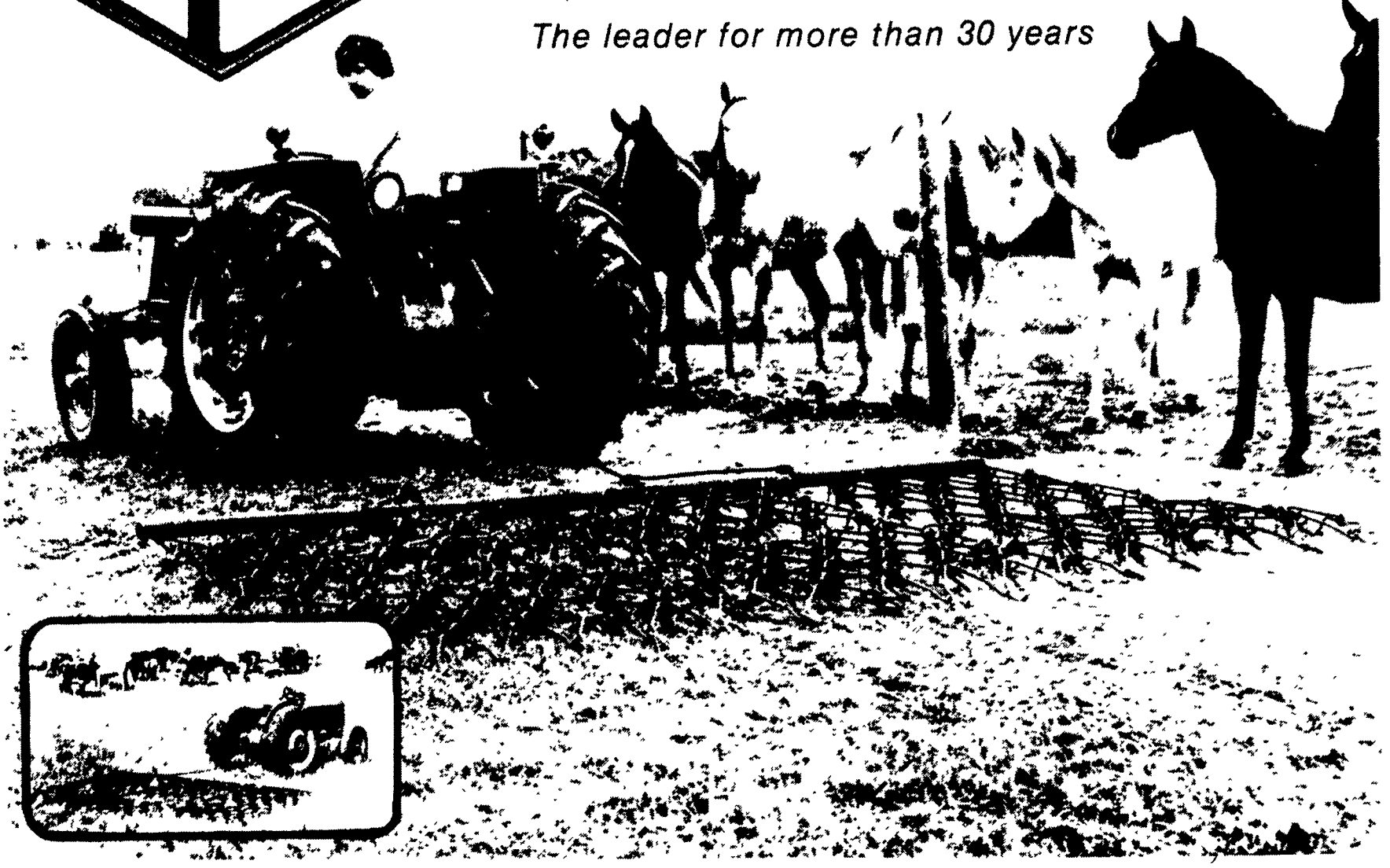

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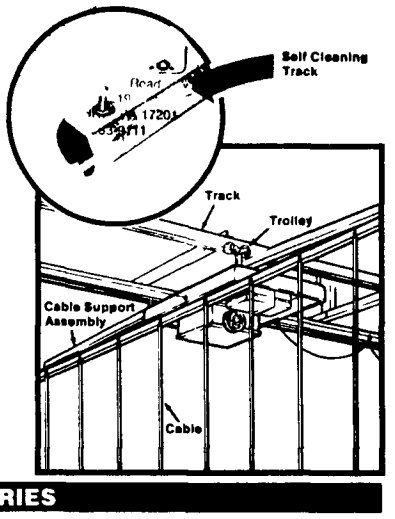

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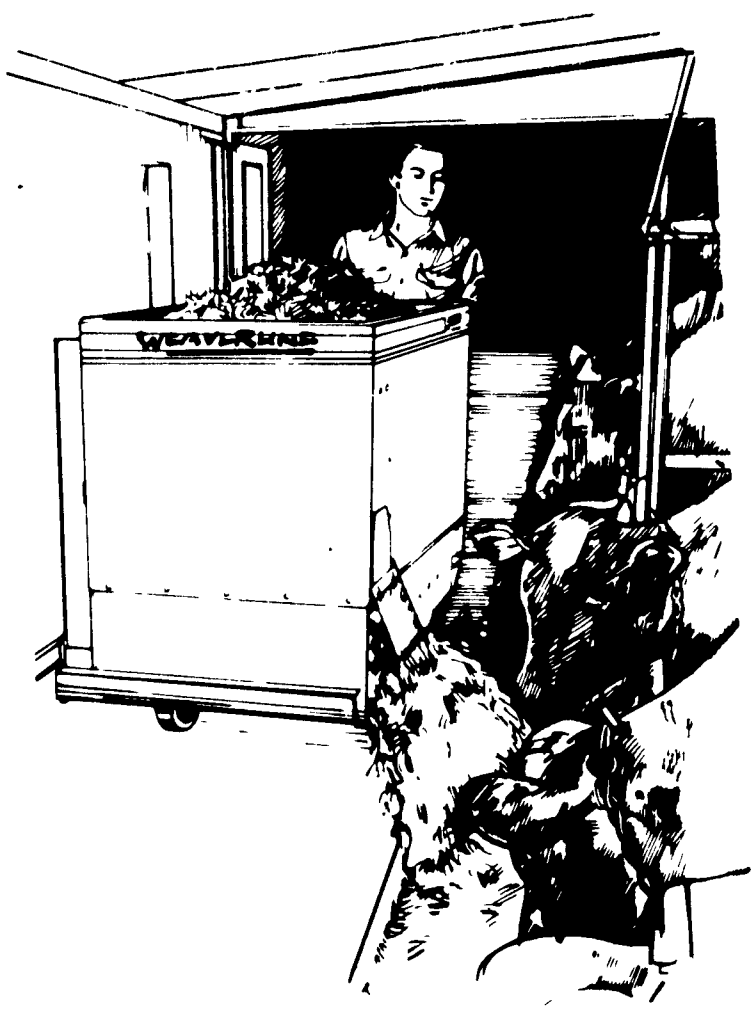

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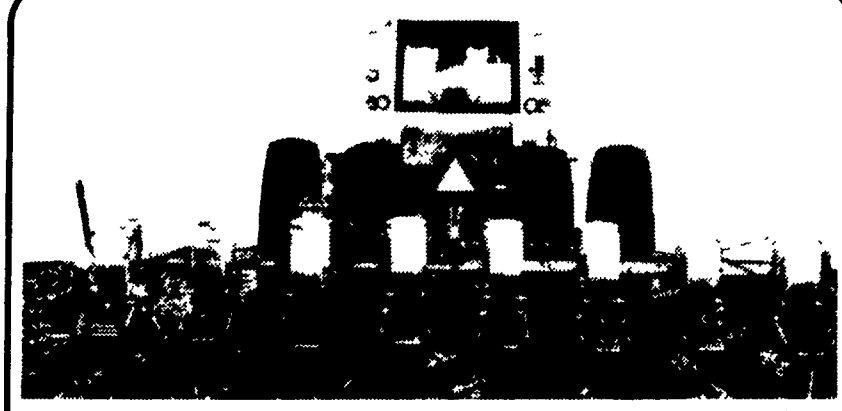

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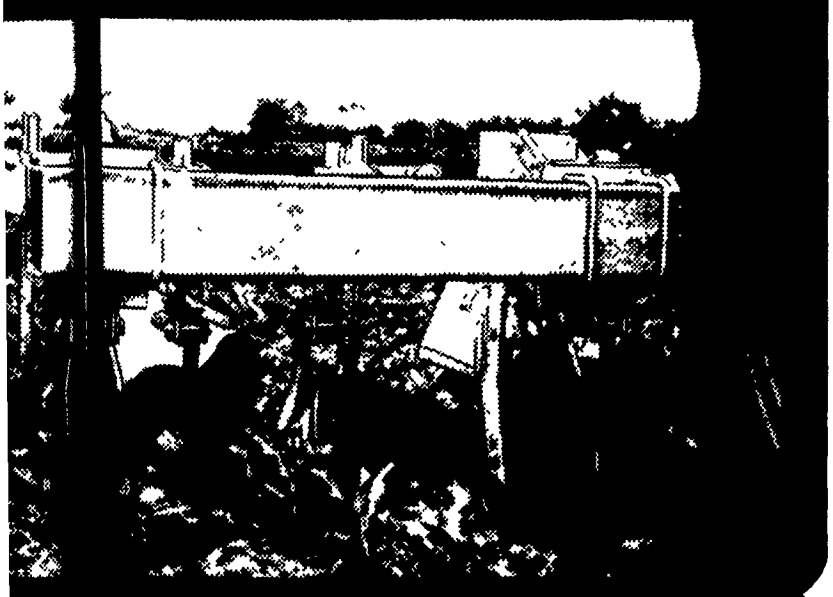

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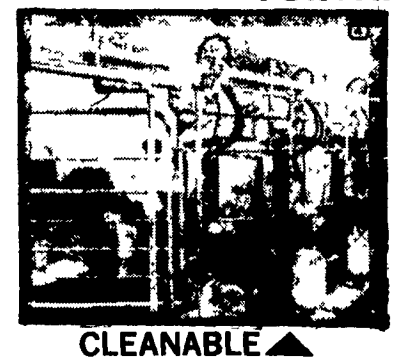

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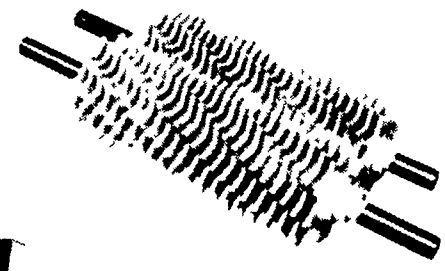

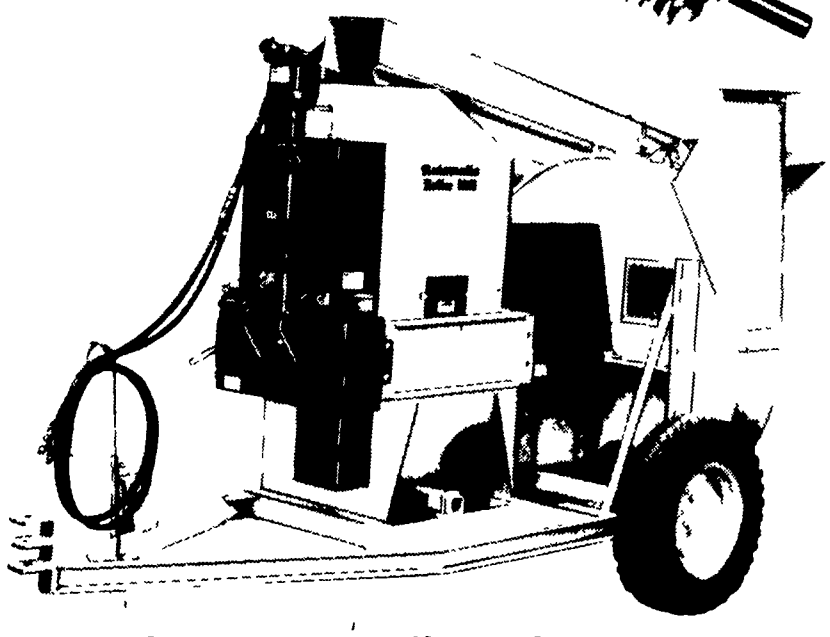

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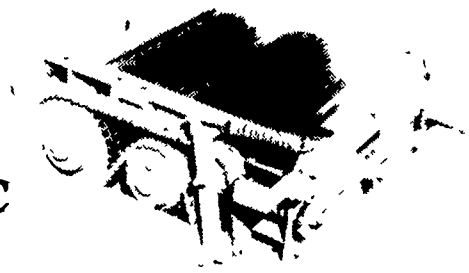

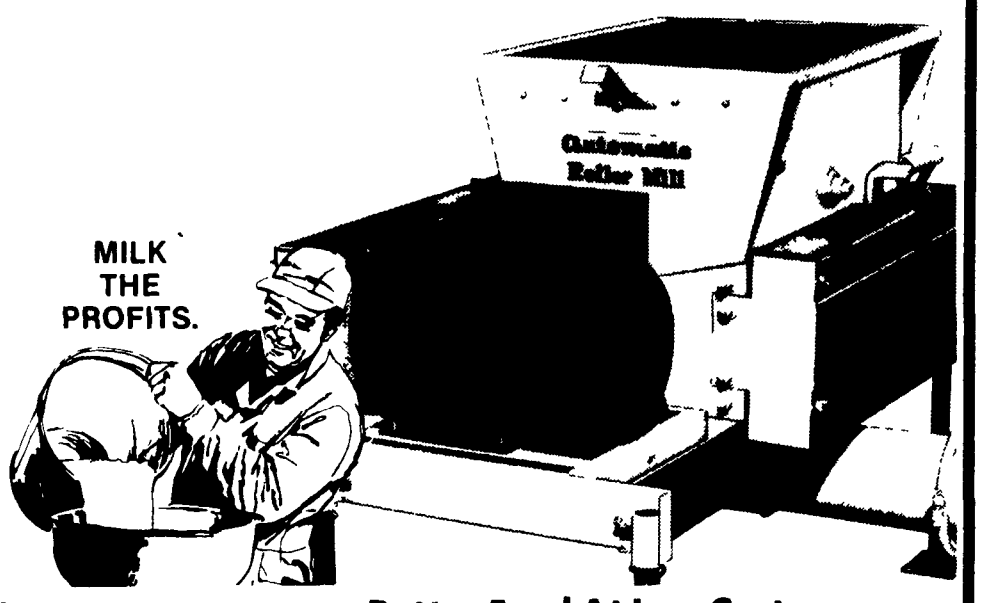

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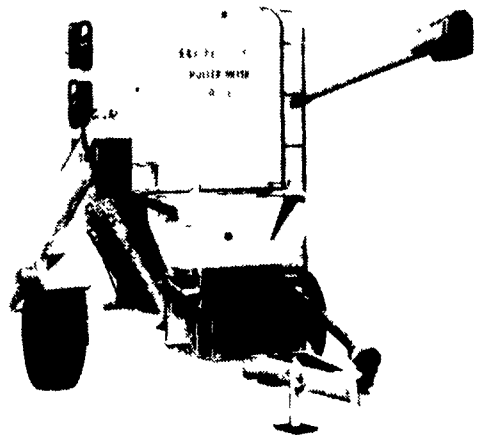

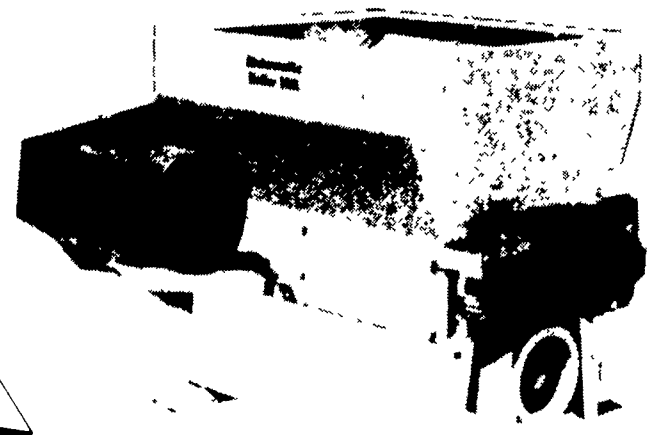

400 & 600 Roller Mill

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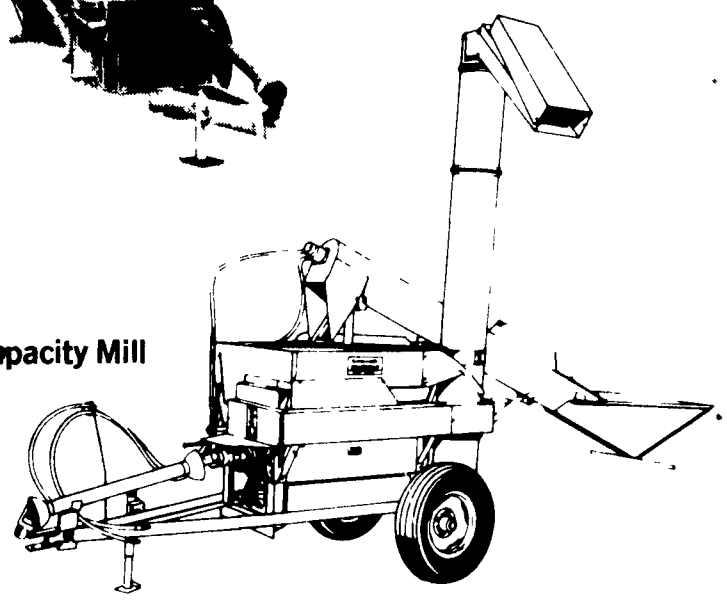
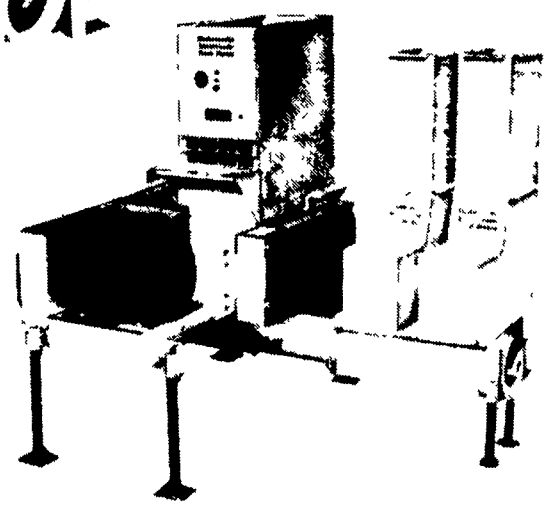


Feed Processing Center



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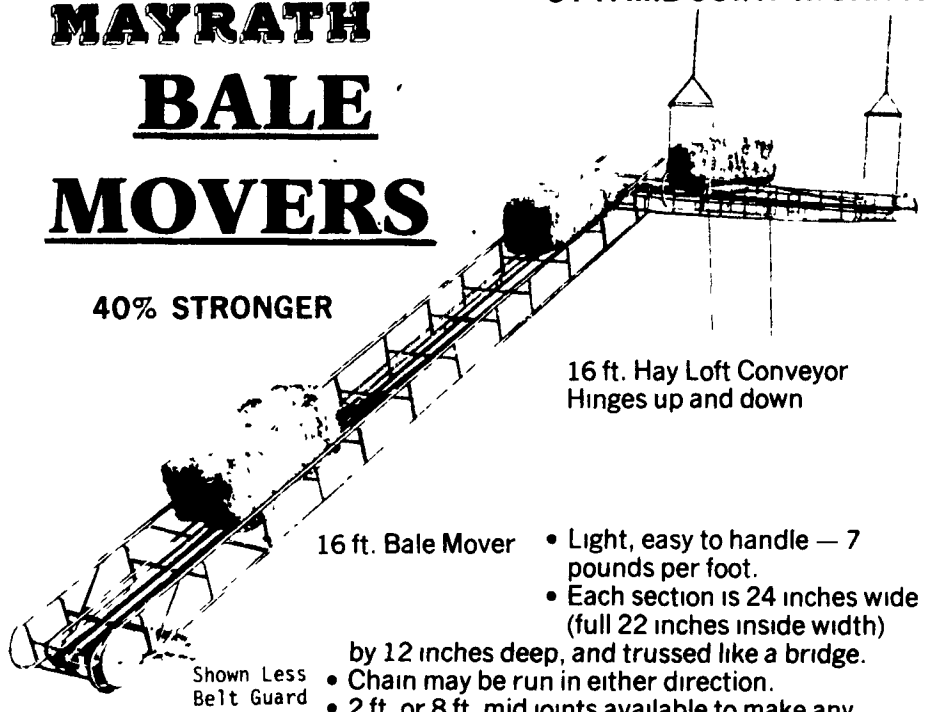
MAYRATH BALE MOVERS

40% STRONGER

8 FT. MID JOINT W/CHAIN



16 ft. Hay Loft Conveyor
Hinges up and down

16 ft. Bale Mover

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- Each section is 24 inches wide (full 22 inches inside width) by 12 inches deep, and trussed like a bridge.
- Chain may be run in either direction.
- 2 ft. or 8 ft. mid joints available to make any length desired.

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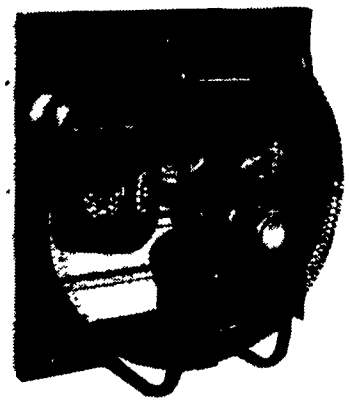

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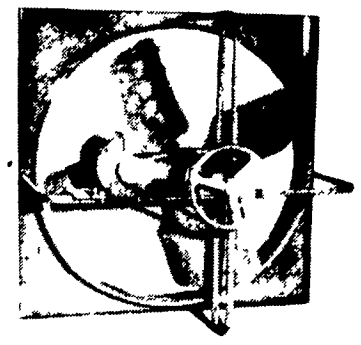

24 to 36 inches
Belt Drive Fans

- Completely automatic, fully assembled ready to operate.
- Heavy gauge corrosion resistant aluminum fan blade.
- Extra sturdy, corrosion resistant pointed steel frame.

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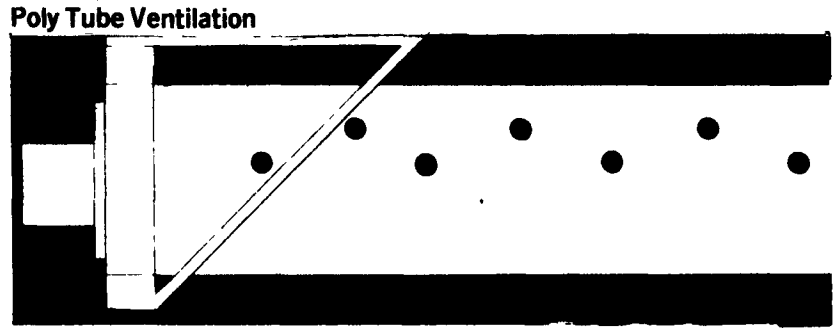

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Mason-Dixon Project reports soil savings for 1985

LEBANON – Erosion control in southeastern Pennsylvania made dramatic gains in 1985 as the Mason-Dixon Erosion Control Project completed its first full year of operation.

Winsted Burdette, area conservationist, Lebanon, reported that 750,000 tons of soil were saved in the 14 southeastern counties making up the project area. This compares to 382,000 tons saved in 1984. The difference equals a 96 percent increase in tons of soil saved.

The erosion control project began in 1984. "This was the start up year" Burdette said. "Full benefits were not achieved until 1985."

The amount of soil saved per acre also went up in 1985. The per acre rate went from 6.3 tons in 1984 to 8.3 tons in 1985.

According to Burdette these dramatic increases in tons of soil saved were the direct result of many area landowners applying erosion control practices on their individual farms. A Berks County farmer had average erosion rates of about 30 tons per acre per year. Contour stripcropping, diversion terraces, grassed waterways, conservation tillage and a conservation cropping system were implemented to reduce erosion. This lowered the average 30 tons per acre soil loss on 267 acres to seven tons per acre, a savings of 6141 tons of soil annually.

One York County farmer expects to save 789 tons of soil annually on just one field when all of his planned conservation practices are complete. York County farmers as a whole achieved an average soil savings of 19 tons per acre annually

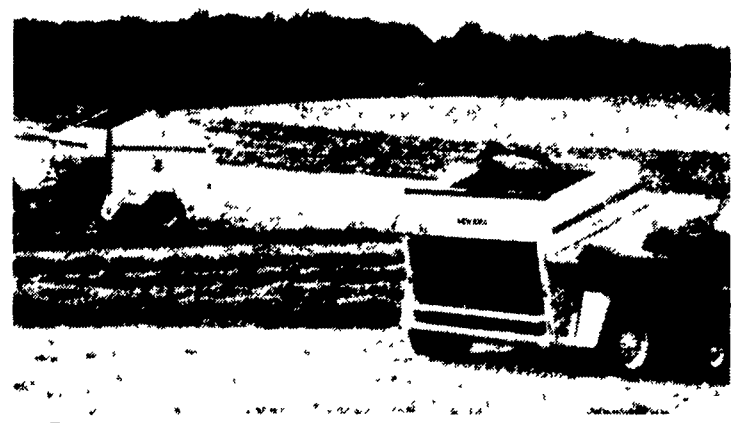
"Similar success stories can be quoted for each and every county in the project area" Burdette said. "Not only is the Mason-Dixon project protecting the land base, but keeping the soil out of the area waterways will really help improve water quality."

Round balers introduced by New Idea

COLDWATER, OH. – The Model 484 and 486 Round Balers are a part of a full line of haytools offered by New Idea Farm Equipment Division. Both baler models are currently being introduced to the public in the company's new equipment color and image for the first time this season.

New Idea Round Balers offer high performance and easy operation for building firm, durable bales. The Model 486 has the capacity of baling up to 24 bales per hour, measuring 6 ft x 5 ft. and weighing up to 1800 lbs. The Model 484 Round Baler handles up to 40 bales per hour with a bale weight of 800 to 1200 lbs.

Both models feature an open throat design and a fixed bale chamber for superior bale formation Wide, endless belts are used to promote longer belt life. A remote control monitor is available on the 484, 486 Balers. The Model 484 Round Baler can be equipped with an optional bale slicer offered exclusively by New Idea. The Bale Slicer cuts the 5 ft. x 4 ft. diameter bales with a hydraulically driven knife while the bale turns.



Round baler equipment introduced by New Idea Farm Equipment Division.

484, 486 New Idea Round Balers produce bales of superior quality The bales are formed with a dense outer shell for protection against moisture and a soft center to allow internal drying.

Chester Farm Analysis Program wins award

WEST CHESTER – Chester County's Farm Analysis Program, has received a Special Recognition award for Excellence in Agriculture Conservation from the American Farmland Trust of Washington, D.C.

Offered free through the Chester County Agricultural Development Council, the Farm Analysis Program promotes farmland conservation by demonstrating alternatives to the outright sale and subdivision of agricultural land.

County Commissioner Robert J. Thompson said that the program is usually implemented at the time farmland is being considered for sale or disposition.

"At the request of the farmland owner, a team of experts from the Agricultural Development Council is assembled, which consists of land planners, realtors, farmers, and farm appraisers," Thompson explained.

After a site visit and a review of technical data, the owner is presented with a farmland conservation package. Using a combination of land use, estate planning, and tax management techniques, the package demonstrates how the landowner can realize financial equity from the disposition of his property while conserving the most valuable farmland acreage.

Since its inception in 1983, the Agricultural Development Council has participated in seven farm analysis projects.

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BIG FACTORY DISCOUNTS

Get red hot deals on new Massey-Ferguson 3500 Series tractors. They're proven performers for 90 to 125 PTO horsepower jobs — 2 and 4 wheel drive. And now, you can take advantage of big factory discounts, plus special low-rate MF financing. C'mon in, now. Offers good for limited time only.

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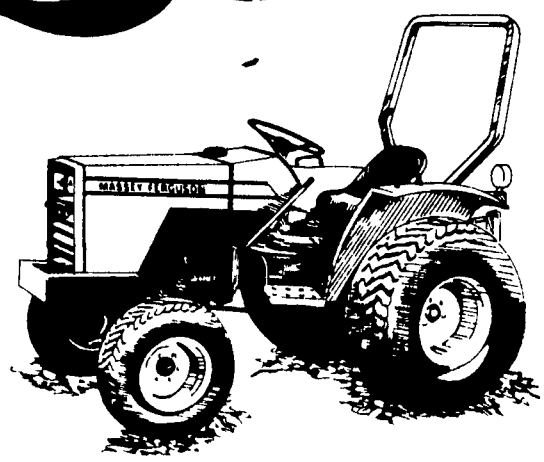

Get a red hot deal on the new Massey-Ferguson compact tractor of your choice. They're rugged, reliable — a red hot value. And now you can get big factory discounts, special low-rate MF financing, too. C'mon in, now. Offers good for limited time only.

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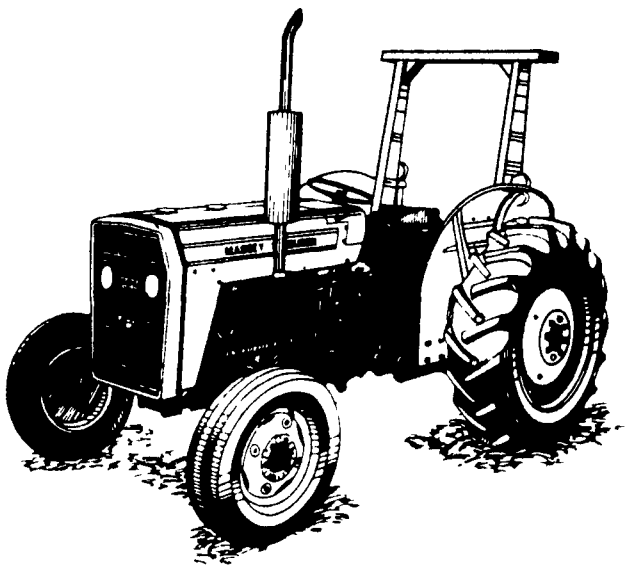

Get red hot deals on new Massey-Ferguson 200 Series tractors. They're built tough to stand up to your most rugged jobs. Choose from nine models. Take advantage of big factory discounts, special low-rate MF financing, too. C'mon in, now. Offers good for limited time only.

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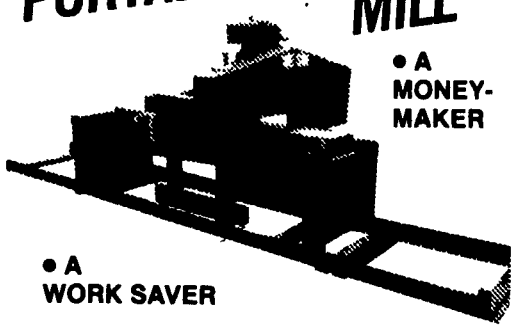
See Video Of Saw In Operation
At The R. J. Lee Exhibit

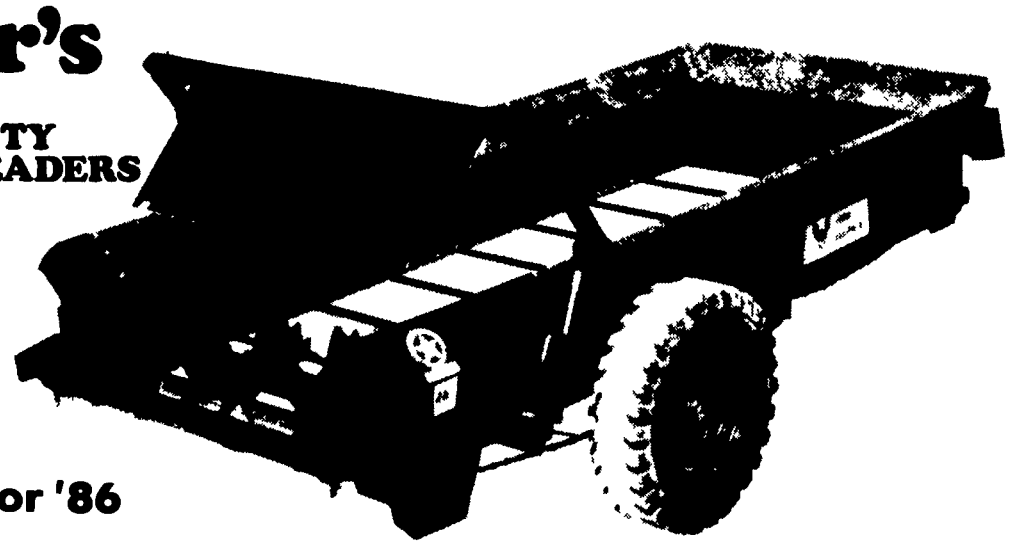
KASCO
PORTABLE BANDSAW MILL



- A MONEY-MAKER
- A WORK SAVER

This rugged sawmill cuts boards any thickness from ¼" to 9" • it will quarter saw • handles logs up to 24" diameter • cuts boards smooth and straight • Walnut, Oak, Cherry and other hardwoods are no problem to saw • saves you more usable lumber • low price makes this saw affordable for individual use.

Meyer's
HEAVY DUTY MANURE SPREADERS



New For '86

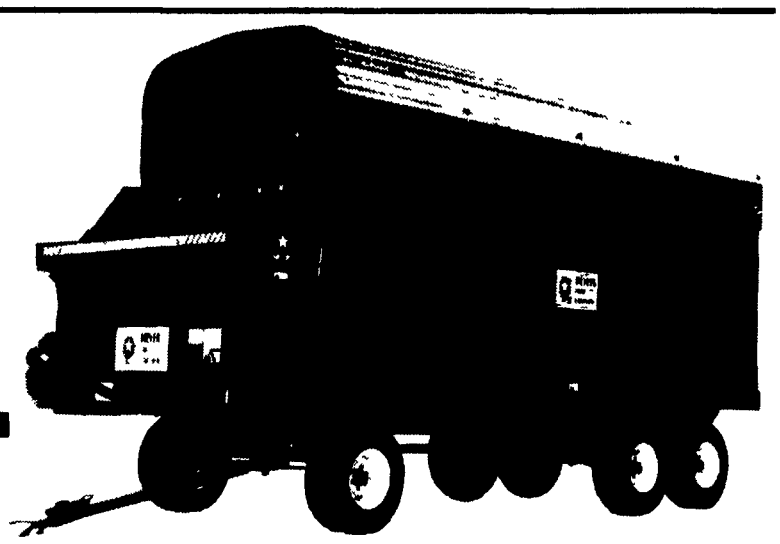
New Polyslick Floor
Splash Guard
Top Beater

MODELS

M-350A Tandem Axle
M-300A Single Axle
M-225A Single Axle
M-160A Siongle Axle
M-145A Single Axle
M-125A Single Axle

Buy Before MARCH 15, 1986
SPECIAL FACTORY INCENTIVES!

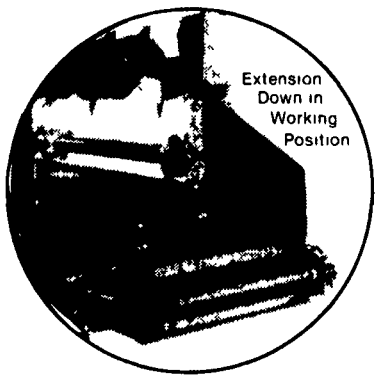
Meyer's
400, 500 and 600 Series



Self Unloading Forage Boxes

Meyer's offers two new features:

- Fold Down Cross Conveyor Extension
- Optional All-Steel Sided Boxes



The fold down cross conveyor extension is standard equipment on 1984 600 series boxes, optional on the 500 series — not available on 400 series — cannot be installed on any previous model

A standard cross conveyor extends 12' from side of box The optional fold down extension adds another 12 inches

New From Meyers
10 YEAR LIMITED WARRANTY

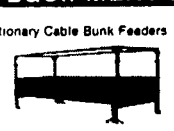
All Models Forage Boxes

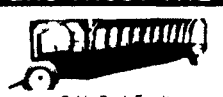
New ALUMINUM SIDES, WOOD OR STEEL FRAMES

DRINK MILK • EAT BUTTER AND CHEESE • HEALTH FOODS - AMERILA

FARM EQUIPMENT BUYERS TRUST THE NAME MEYER'S

Steel Bale Throw Boxes


Stationary Cable Bunk Feeders


Cable Bunk Feeders

E Z Trail Wagons

Rocky Mineral Feeder

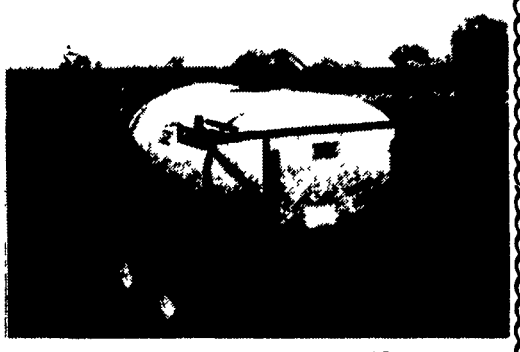
Manufacturers of Quality Forage Equipment Over 25 Years

E-Z TRAIL
WAGONS
GRAVITY BOXES
GRAIN CARTS

Cagle Sprayers

Standard on all Sprayers 500 to 1000 Gal.

- Heavy Duty, All Welded Frame
- Adjustable Wheel Spacing
- Tongue-Mounted Screw Jack
- 11Lx15 8-Ply Tires with Tubes
- Poly Tank with 3 year factory warranty
- Mix-N-Fill Unit for Proper Chemical Mixture
- 1½" Double Mesh In-Line Strainer
- Sprayer-Mounted, Gear-Driven "Hypro" Centrifugal Pump
- ¼ Turn Ball Valves to insure Total Shut-Off
- Jet Agitation System
- ¾" EPDM Boom Lines
- Triple-Trus Break-Away Booms
- Shock Absorber for Easy Riding Boom
- 8-Way Electrofilmed Boom Control
- Equipped for Liquid Fertilizer Application



500 gal. Trailer Single Axle 45' Boom

- No-Drip Nozzles
- Skid Plate on End of Boom
- Tandem Axles adjust to 120" width
- Electric Controls standard on Tandem Sprayers

Trash Whipper was here.

Trash Whipper planter attachments are so superior to conventional trash moving systems that you can see the difference just by looking at the planted field Trash is left in neat windrows guarding against erosion as it mulches the soil Planted areas are clean and smooth And if you check seed placement you'll find the depth is amazingly uniform

But when the crop comes up you'll see the biggest difference of all — an obviously better stand

Trash Whipper lets planters perform better because ACRA-Plant® builds it better. With notched discs to prevent plugging Dual bearings for greater durability And a unique offset design that lets the Trash Whipper penetrate easily moving through heavy trash on less tractor power than any other system

More importantly the Trash Whipper system leaves a smooth clear path as it slices through clods and trash The path is flat and as wide as most gauge wheels — so wheels roll smoothly without bouncing *And your seed gets placed uniformly at the optimum depth for germination* The system is even versatile enough for no till ridge till minimum till or clean till use

Quite simply, the Trash Whipper system is the most advanced method of moving trash on the market today. And it's available for John Deere 7000 7100 Max Emerge® Planters the Kinze planter the White 5100 Seed Boss® the IHC 400 and 500 Cyclo® Planters the IHC 800 Early Riser® Planter and IHC 55 56 and 58 planters So you can easily turn your existing planter into a minimum till planter — with a minimum of cash And with our Nutri Till™ attachment you can even apply starter liquid fertilizer as you plant

You'll see a big difference at planting time And pocket a big difference at harvest time

Ⓐ Notched blades to prevent plugging
Ⓑ Offset design to move maximum amount of trash
Ⓒ Adjustable blade pitch and spacing for various planting conditions
Ⓓ Heavy-duty dual bearings for long wear

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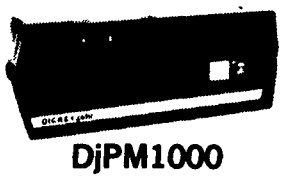
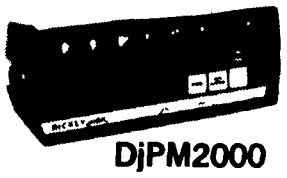

DjPM1000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MAILBOX MARKET
FOR SALE

DC Case $425. VAC Case, $350. Farmall 400, $1650. Berks Co., 215-488-7383.

JD spring tooth harrow, IH pull type disc harrow, $125 each. 717-993-2288, York Co.

1973 Ford L/N 700, 335 motor, 5+2, 900-20 tires, 220" WB, 20' van body, 23,500 GVW, $3,200. Cambria Co. 814-472-7038 after 5.

290 acre farm: excellent soil, 200 open, 60 wooded pasture; 30 acres growing timber Louisa Co., Rt. 1, Box 1890, Bumpass, VA 23024.

Six can front loading milk cooler, $75; 16' flatbed rubber tire wagon, $145. Hitch for NI spreader, $20. 717-469-2897.

Holstein dau. of S-S-F Bubbler due Feb. 25. Dam Astronaut with 18,000 milk at 2 yr. Hunterdon Co. 201-782-4207.

Cute and playful Rat Terrier puppies. Make good pets and guardians. Ready to go. Queen Anne's Co., MD. 301-778-1919.

Large 4 yr. gelding pony, cart harness and saddle, $400. 1967 Chevrolet (20) ¼ truck, runs, not inspected, $300. Col. Co. 717-799-5521.

3000W alternator 120/240V; new and used window sashes; J.D. Allgyer, 1 mi. S. of Gap Auction on Gap Rd., Lanc. Co.

Brand new buggy with fiberglass box, hydraulic brakes. Levi L. Fisher, Box 299, RD1, Kirkwood, PA 17536. Lanc. Co.

Boston Terrier pups, 4 females, 1 male, very nice, 4 weeks old. Amos R. Miller, R1, Box 293, Christiana, PA.

New bushel crates, various sizes made to order. Henry Blank, 227 Maple Shade Rd., Christiana, PA 17509. Lanc. Co.

15 year old Standardbred buggy horse, lots of snap and sense, $300. Lanc. Co.

Central Florida, 20 acres with nice house and Morton building, good rich soil for cattle or vegetable farming. 904-793-3414.

NH 24' bale elevator, $500. Cumberland Co. 717-532-7081.

Lime spreader box, hyd. drive, 4600 gal. SS tank trailer, used fertilizer spinner spreaders. Lanc. Co. 717-354-4996.

Good Timothy hay, 300 bale, take all or part; also nice bright oats straw, dry. Southern Schuylkill Co. 717-739-4469.

1985 F150 Super Cab, 3SP w/overdrive, 1983 gooseneck stock trailer w/dressing room. Syracuse, NY. 315-697-2372.

Dorset ram. Wagner breeding w/Meyers bloodlines. Proven breeder with 75% twins, $150. Lehigh Co. 215-296-3643 after 5PM.

One butcher pig, approx. 300 lbs. Lanc. Co. 717-442-9377.

Reg. holstein bull, Chairman son, 86 point Valiant. Dam with 21,391 milk 3.7% test. Lanc. Co. 717-354-9340.

24 bred ewes. Omar S. Fisher, Box 17, Bart, PA 17503. Lanc. Co.

Steel wheels off JD 2510, like new. Lanc. Co. 215-445-4802.

FMC flatbed tomato harvester. Best Offer. 717-653-5244.

Manure bucket for White or Swartz loader, good condition. Lanc. Co. 717-626-5449.

70 Acre farm, 60/clear, 10/wooded, 20x24 shop, 3-bdrm. Cape-Cod, 2-baths, oil/wood heat, barns, near Watkins Glen, Chemung Co., N.Y 607-732-8467.

AKC Boston Terrier female, 7 years old, one Boston female, 5 years old, no papers. Lanc. Co., 717-733-9285.

New Armstrong 18.4x38 8-ply on JD rims, $900. 4440 duals available, $900. 8.25x20 on GMC rims, $35 each. Evenings, 717-292-4245.

Alpine Buck Service; Peace Island Spearmint. Also, LaMancha Buck Service and LaMancha Bucks, and Alpine Bucks for sale. 717-423-6676, Cumberland Co.

1974 Ford C-700, 20' flatbed, 900/20 tires, 5-speed. Exc. condition, $4800. Will sell separately, Bridgeton, N.J. area, 609-451-6057.

1942 Chevy Army truck, 1½ ton, 6-cyl., 4-spd., 2-spd transfer, PTO, duals, 12 volts, $1500. Very good condition. Somerset Co., N.J. 609-466-3144.

Reg. Polled Hereford Cattle for sale. Cow-Calves or Bulls at all times. 914-439-4359, Livingston Manor, N.Y.

Index milling mach. Bridgeport type, $2,000. 18" lodge and shipley lathe, $4000. Joseph Homko, Box 101, Oxford, N.J. 07863.

40 Gal. Norge Glasslined hot water heater, good condition, $60. electric. 717-442-8745, Lanc. Co.

1963 Harley Davidson 900CC Sporster motorcycle, good condition, $3,000 Neg. Lanc. Co. 717-548-3154.

Two fuel tanks with hand pumps, good condition Leb. Co. 717-865-3976.

Two young mares, standardbred, green broke, 3 and 4 years. 717-374-9937 8AM-5PM.

Gehl forage box, self unloading, needs rewooded, $175. Col. Co. 717-458-5959.

Cozy cab for JD 2640 with heater, lights, wiper, $1,000/Best Offer; JD 2640 dsl., $10,000 Franklin Co. 717-762-3596.

706D FH, $4,100; NH 845 roll baler, $4,800; 5HP air compressor Phase I Stage 2, new, $1,050; 1979 F150, 4x4, 35,000 mis., $4,850. 304-229-3917.

Straw by the load or bale. Will deliver pickup loads. Lanc. Co 717-898-7386.

1st cutting hay, $50 per ton. Will help load. John A. King, 1230 Gypsy Hill Rd. Lanc., PA 17602.

Warm Morning Stove, good shape, $350.; Maytag wringer washer, $50.; John Z. Fisher, R.D.1, Box 303, Kirkwood, Pa. 17536. Lanc. Co.

Incubator 600 egger, "Leahy", 4 tier brooder, both excellent condition. Ocean Co., NJ. 201-363-5315 after 5 p.m.

Telephone repair truck, cheap; Chrysler Sta. Wagon, 1966; 1950 Chevy Sedan. Good shape all. Hunterdon, NJ. 201-782-0193

AKC Airedales, 4 mon. old, great companions, excellent farm dogs; AKC Wire Fox Terrier pups, 10 wks., champion background. Chemung Co. 607-562-8128

A Baldwin Organ, 13 pedal. Also ¾ size violin. Lanc. Co. 215-445-4665 after 5 p.m.

AKC Siberian Husky, female, 6 yrs. old, blue eyes, Proven. $50. or Best Offer. Paul Hoover, R.D.1, Box 448, East Earl, Pa. 17519

GMC '68 pickup, 4 WD, 4 spd., farm truck, body rough, bed solid, no rust. $850. Chester Co. 215-255-4830 or 4835

Transmission for Badger 2400 silo unloader and approx. 100 tons of silage. Chester Co. 215-932-2353

5 yr. old buggy horse, traffic safe, sound.; 1,000 gal. fuel tank. Martin Fox, R.D.2, Stevens. Lanc. Co. 215-267-2783

(2) Used DeLaval milkers w/50 lb. pail and large claw, $285. Emanuel Zook, 145 Peters Rd., Kinzers, Pa. 17535.

Deutz 3006 tractor on steel wheels. Lanc. Co. 215-445-6142

1986 Valley Stock Trailer, 18', 4 wheel brakes, 7' high, lined inside, color grey. $3,100. Lanc. 717-397-4493 after 5 p.m.

Storm front carriage in good shape, like new, used very little. Chester Co. 215-273-3487

(2) young colored male rabbits, (1) tan and white, (1) black and white, $4.50 a piece. Isaac King, 1700 Homeville Rd., Oxford, Pa. 19363.

JD spring 3 section harrow; Brillion 9' cultipacker; McCormick Deering disk. Enos Zimmerman, R.D.4, Box 616, Ephrata, Pa. 17522.

JD corn planter, 6 row conservation liquid fert. markers, monitor; 300 gal. Century sprayer truck, mount, elect. boom controls. Chester Deitch, 1668 W. Lisborn Rd., Mechanicsburg, Pa. 17055.

IH 510 grain drill w/fert. & grass boxes, $2,300.; NH 479 haybine, $2,300.; 18' bale wagon, $850. Perry Co. 717-567-6749

Used Irish horse collars, good cond., all sizes, 18" to 25". Also other collars. Christ E. Fisher, Box 162, R.D.1, Paradise, Pa. 17562.

Surge Alamo 340+ milker pump, Hinman pump, Surge units & straps. Adams Co. 717-624-8124

Large Hol. heifer, due Jan. 26. Lanc. Co. 717-445-4765

Ashley wood and coal stove, like new, $400. or Best Offer. Levi Z. Fisher, R.D.1, Box 185, Cains Rd., Gap, Pa. 17527.

10 h.p. Sears lawn tractor, $150.; 72 JD belly mount finishing mower, $450.; Both excellent condition. Warren Co. 201-689-2085

Wheat Straw and Alfalfa Hay, all cuttings. Also Reg. Hereford Bull, 8 months old. Leb. Co. 717-867-4860

Walnut Grandfather Clock, Westminster Chimes, German Movement, Moon dial, Lyre pendalum; 35 MM camera; Childs play pen; set tray tables. York & Adams Co. line. 717-432-4597

NI 17 rubber tire manure spreader wheels, $150. Bennie S. Beiler, 1156 Lanc. Pike, Drumore, Pa. 17518. Lanc. Co.

New 4' snow blower for front of Suzue 150 or other small tractor, $375.; 8' snow blower can be 3 pt. mounted, $175. Juniata Co. 717-444-3958

Camper shell and metal tool box that locks for long wide bed pickup. Best Offer. Chester Co 215-688-1308

Shorthorn heifers and bulls, registered & crossbred. Calvert Co., MD. 301-257-6655

CYLINDER HEADS, rebuilt or exchange. Spring Garden Repair Shop, RD1, box 204, Kinzer, PA 17535.

One Chop N Bed Bedding chopper without motor. Make Offer. Perry Co. 717-834-4578.

1962 Austin Healey 3000 MK II, triple carbs, overdrive, very good condition, collectors car. $7,000. Martinsburg, WV. 304-263-8704 after 5 p.m.

Dual wheel chassis with cylinder and pump for dump trailer, good rubber. Lebanon Co. 717-949-3263.

Rockwell 10" table saw, good shape, $250. Jonas E. Esh, 534 Willow Rd., Lancaster, PA 17601.

NH 675 spreader, pan, top beater, good cond., $1,250; NI 725 corn head, $850. Lanc. Co. 717-354-0176.

Acorn barn cleaner w/cable; alfalfa hay, first, second and third cuttings. Chester Co. 215-857-5605.

IH 510 grain drill, 24x6 double disc openers w/press wheels, good cond., $4,200. Cayuga Co., NY. 315-626-2863.

1970 GMC 1,500 gal. oil tank, 150' hose, new carb., as is condition. Best Offer, $1,500. Camdem. 609-783-4086.

Hostetter 16" right hand horse drawn riding plow, like new. Rufus Martin, Rt. 1, Box 346, Port Trevorton, PA 17864.

Used Patz barn cleaner chain, 185' 16", $50. Montour Co. 717-649-5320.

1962, 4000 GMC 14' flat dump parts truck; 1931 AA Ford truck. Kent Co., MD. 301-348-5660 after 6.

New 3 Section 12' spring tooth harrow, $385; mixed hay, $85/ton at farm. Delivery Available Lanc. Co. 717-626-1467.

Two sets NO-C 221, 2R mounted corn planters for Farmall C tractor. Mounts beside radiator. Beaver Co. 412-573-9244.

IH 61 forage wagon. Andrew Weber, R.D.2, Mohnton, Pa. 19540. 215-445-6565

1962 Austin Healey 3000 MK II, triple carbs, overdrive, very good condition, collectors car. $7,000. Martinsburg, WV. 304-263-8704 after 5 p.m.

Ponies, grays and paints, all are very gentle and all good drivers, any child can ride. Chester Co. 215-932-3139

Grade Springing heifer by Kingway Elevation Very, Dam by Rocket, 19,800 lb. 3.7%, $750. Can Deliver. 717-687-8893

2 Belgian mares; 1 Belgian gelding, 4 yr. olds, broke and acclimated. Sol Stoltzfus, along Mt. Vernon Rd., Gap, Pa. 17527. Lanc. Co.

D-4 Caterpillar w/Caterpillar angle blade, good under carriage; 1968 Buick Electra convertible, completely restored. Blevins Fruit Farm Inc., Box 1538, R.D.1, Stewartstown, Pa. 717-993-2885

Flouresecent lights, 8' long w/6-4' bulbs, used, $8 ea., 3 for $20 or 15 for $90. Fulton Co. 717-987-3732.

Wood saw, new, 3PTH, PTO drive, $425. Fulton Co. 717-987-3732.

1941 Ford 4 door Super Deluxe V-8, 18,500 mis., no rust but needs motor work, $800. Montour. 717-275-2427.

350 Farmall P/S T/A fast hitch, $1,795; White oil truck, 2,500 gal. set-up for liquid manure. $1,995. Lanc. Co. 717-653-9554.

FARM: 16 acres, creek, 5 room house w/Bsmt., garage, good cond. 6 acres clear, bal. woodland. Box 60, Groff Rd., Millington, MD 21651.

Timothy & Clover, 2nd cutting alfalfa hay, 800 lb. round bales of mixed hay. Cumberland Co., PA. 717-532-7590.

8' Morrision utility body, open box, step bumper, Ziebarted, extra lights, solid unit, garage kept. Wayne Co. 717-689-2158

JD 620, IH 37 baler, wagon w/sides, ground driven manure spreader, NI PTO manure spreader. Schuyulkill Co. 717-345-6178

1979 Ford L/N 700, 370 motor, 5 + 2, 10.20 tires, 166" W.B., power steering, 27,500 GVW, cab and chassey, good condition. $7,000. Cambria Co. 814-472-7038 after 5 p.m.

1974 Ford Van E100 series, $800.; 1976 Honda CB750, very good condition. Prices negotiable. Snyder Co. 717-694-3046

6 year old American saddle mare, traffic safe and sound. Also 3 Border Collie, males, very nice. Chester Co. 215-273-9358

12-28 tractor chains, like new, $45.00; Side dresser for IH A, good cond., $25. York Co. 717-235-2032

Straw, .75 cents bale; FREE barn cats; Boys 26" 3 speed bike, $25.; Kodak "Pleaser" camera, like new, $8.00. Perry Co. 717-834-4834

Sprayer, 50 gallon, vegetable or lawn, hand gun and boom, 3½ h.p. motor, pull type, good condition, $450. Huntingdon. 717-369-4765

Kubota B6200 diesel, 4WD hydro drive, $5,800.; Snow blower mower and blade, 1 yr. old, excellent condition. Franklin Co. 717-532-9234

Ear Corn, $75. a ton; Also JD 3 row silage head, $1,900. Cumb. Co. 717-423-6188

500 gallon Mueller milk tank, excellent condition; 12' JD 3 section spring harrow, $300. Lebanon Co. 717-865-2022

Reg. Nubian buck, red & white spotted, $100. Lanc. Co. 717-548-3764

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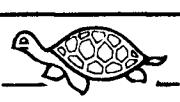

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- MORE QUALITY
- MORE SIZES

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717-432-9738

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Starter for 4 cyl. Case diesel; Oliver HG crawler tractor; 29 new backhoe bucket teeth, $60. Chester Co. 215-495-6135

Wood Shaper, Craftsman, 27"x19", C.I. table & C.I. base, ½hp motor, spindle speed, 9000 rpm, 8 cutters, $265. 215-539-0428

275 gal. gas tank w/hand pump; 1 small V snow plow; steel casement windows. Lehigh Co. 215-679-9496

(7) Goodyear tires, size 8-19-5 from a new motor home. $350. Pike Co. 717-588-6350 evenings.

JD combination manure & materials bucket to fit no. 37 loader, new; JD no. 10 side mount mower, good condition. Eastern Lanc. Co. 717-354-7151

JD 1240 4 row corn planter w/fertilizer and insecticide attach., clean, good shape. $1,200. David Stoltzfus, R.D.2, Box 249A, Wanner Rd., Narvon, Pa. 17555. Lanc. Co.

IH 656 diesel, all new valves, piston rings, rebuilt water pump, over hauled recently. Berks Co. 215-683-6628 after 4:30 p.m.

40 Dairy Goats. Moving, Must Sell Sale. Quality animals A.D.G.A. Reg. Priced $100. to $200. Pedigrees available. Lehigh Co. 215-756-6566

Terra-Trac wide track crawler, no engine, $150. Berks Co. 215-488-6576. If no answer 215-488-6512 leave message.

Tricycle front, transmission and 1 long axle for 2 row Farmall C Super C 200, plus extras. Gloucester Co. 609-478-6090

Bolens 1050 w/42" mower, 36" snow blower, 42" dozer blade, will sell separate. Lanc. Co. 717-354-6469

Two fuel tanks approx. 275 gal. One w/pump. Lanc. Co., Amos A. Zook, RD2, Box 2291, Gap, Pa. 17527.

Several Knowles 8 ton farm wagons. New condition. New 8-ply flotation tires. Priced reasonable. St. Mary's Co., 301-884-5902.

Denlinger Stationary hammermill, $20. 202 NH manure spreader. L.A. Case tractor both for parts. Jonathan King, 19-12 Street Rd., Drumore, Lanc. Co., Pa. 17518.

Used PAPEC model 870 Grinder Mixer, 20" with boger, excellent condition, late model, $2150. York Co., 717-637-2988, Hanover area.

Moline H-5 tractor. Antique 4-leg walnut drop leaf table. 10 Yr. old quarter horse gelding. Farmall C tractor. Berks Co., 215-683-5269.

Registered paint gelding, 6, 14.3, used for trail. Needs work. Loves people, attention. Sorrel, white Tobiano. Southern Lanc. Co., 717-284-2254.

Martin air 5000 ventilating system. 717-528-8772, Adams Co.

O.G. Seed oats cert-85 $2.50/bu. at farm. Cast iron radiators, various sizes, $3.00 per section. Oil fuel tank. Bucks Co., 215-343-9061 after 5pm

2 Belgian-Morgan cross mares, one Belgian gelding, broke to all harness. David J. Yoder, R1, Box 55, Meyersdale, Pa. 15552.

Self contained Camper truck, top, sink, stove, bath, shower, sleeps 4-6. Asking $1,200. Make Offer. Del. Co. 215-LU3-8317

Classic 1958 Jeep FC170 ¾ ton pickup, truck and Western snow plow, runs good. $900. Lehigh Co. 215-967-3957

New Holland Model 352 Grinder Mixer, fair condition, stored inside, make an offer. 717-889-3286, Schuylkill, ask for Woody.

327 NH manure spreader, single beater, new apron, very good. $800. 717-899-6777 or 717-899-7332.

Pomeranian puppy, 8 wks., brown female w/shots, $85. Also, antique buggy, $300. Joe Stoltzfus, Mt. Sidney Rd., Lanc. In Witmer.

Choice of 14 head of horses, grade, and registered Belgians. Teams of 2, 3 & 4 year olds. 814-784-5872. Bedford Co.

David Brown 770 diesel tractor, 35 hp, 2250 hrs, rubber good, $2500. Lanc. Co., 717-548-2509.

8' Turf aerator, $350. 6' disc, $200. Pony sulky, $150. 100 hp 3-phase motor, $800. 2000 lb. scale, $450. Northumberland Co., 717-286-5306.

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Lespedeza Hay, Charlais corss bull calf, bred heifers, feeder calves, 494A corn planter, 8' spring tooth. Anne Arundel Co., 301-741-9352.

28 Good milk cans, $25 each, Brillion 11' cultapacker w/big rollers, very good, $675. Wash. Co, MD, 301-842-3242 after 6 p.m.

JD 35 harvester, 1000 rpm with 1-row corn head, spout extension and recutter screen. Excellent condition. Lanc. Co., 717-665-4329.

1977 Ford F-250, 4WD, V8, auto. snowplow, no rust, good condition, PS, PB. Centre Co. 814-355-4298.

Stoltzfus lime spreader, excel. cond., 5 ton w/large tires, $4,200. David B. Kruger, R4, Box 2290, Lebanon, PA 17042. 717-867-2384.

1975 Ford Courier truck, 28,203 mis., one owner, radio, cargo box, needs exhaust, $975 Firm. York. 717-846-7346.

Kewanee 10' roller harrow w/inside wheels, new teeth, good cond., $1,500. Lehigh Co. 215-767-2049.

704 Uni w/737 husking bed, 4RN corn head, very nice. Clearfield Co. 814-583-5343.

Milk can cooler for repair or use; S.S. Strainer; Mcd. & DeLaval milker; Smoker elevator. Adams Co. 717-359-4975.

Int. 14 hay rake, $750, like new condition; Int. 70, 4 bottom 14" trailer plow, $400. North'd Co. 717-758-6221 after 6PM.

Reg. Dorset ram, Polled twin born Sept. 2, 1981. Sire-Sevick, Dam-Schochary Ridge, $125. Lehigh Co. 215-395-2910.

Reg. Polled Hereford Bulls Yearlings, Sire: Magnification, reasonable. 12'6" Allis Chalmers transport disc, $850 or offer. 717-866-4185, 215-589-2966.

Heavy duty manure fork, fits 8-N or 9-N Ford. Will pick 1000 lbs. $275. Warren Co., N.J. 201-689-1816.

McConnell 16' cart harrow, like new. White 5400 planter, 4-R no-til Liq. Fert. and insect., monitor. Luz. Co., 717-256-3452.

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1967 Dodge 50 Aireal truck, $3,300, 6'x8' dual wheels, dump trailer w/3' sides, $500. Lanc./Berks Line. 215-484-4148.

One used metal office desk and office chair. Best Offer. Lanc. Co. 717-548-2286.

Seven yr. Standardbred carriage horse, good driver on road a while. David S. Hoover, Lanc. Co., 215-445-6096.

Hyster 2,000 lb. model lift truck, $1,950, good condition. York Co. 717-244-2649.

Reg. 2 yr. male Aussie 4 generations, pure chocolate merle for sale or trade for solid Ausui male puppy. Berks Co. 215-926-4903.

Six week old puppies, crossbred by Collie & German Shepherd. Berks Co. 717-933-4569.

Good buggy horse, lots of pep. John E. Stoltzfus, RD1, Box 321, Noble Rd., Kirkwood, PA 17536. Lanc. Co.

AC B w/belt pully, chains, drawbar, new rear tires, snowplow w/hyd. lift, $1,000 Firm. Leb. Co. 717-933-4215.

MF 85 tractor, 3 pt., narrow front, gas, fair condition. Leb. Co. 717-865-2463.

1971 MF Ski-Whiz snowmobile, less than 1,000 mis. on sled, lots of good parts, no motor. Best Offer. Berks Co. 215-562-7289.

1973 Cessna 150, very good condition, 50 hrs., since overhaul, $9,000. Franklin Co. 717-263-1837.

Craftsman 6" jointer planer w/½HP motor, $200; two antique kitchen cabinets w/flour gin, $50. Leb. Co. 717-865-6279.

NH 363 flail spreader; IH 915 combine, hydro, dsl., 15' grain head; Acorn Super 600 barn cleaner; IH 510, 4x16 plow. Dauphin Co. 717-365-3562.

Herd of mostly Reg. cows, 50 animals 60% 1st calf heifers, RHA, 16,300+ last BFT 3.8. Perry Co. 717-789-4193.

Three mini-bikes, your choice $125 ea. Soft wood milk cupboard, sq. front oak china cab; 2 Schwinn kids bikes. Leb. Co. 717-865-3514.

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Ask Your Dealer About Early Discounts & Hytest Sweepstakes

Three Reasons Mid-Atlantic Soybean Growers Are Planting More Hytest Brand Varieties for 1986

When you know beans you know there are important features that can make a difference in yield and profit. **Hytest Falcon, Classic II and VR 3393** varieties have what it takes to make that difference.

- **Triple Tested for Germination, Cold Vigor and freedom from Mechanical Damage.**
- **Full Maturity Range makes them an excellent choice for Eastern growers like you.**
- **Performance Proven in soils like yours. Test results are the proof of the profit, and we have the results!**

Before you select the beans for your 1986 planting, see your Stanford dealer for all the facts on the Hytest brand varieties that can put you in the know for 1986.

The Proof is in Performance

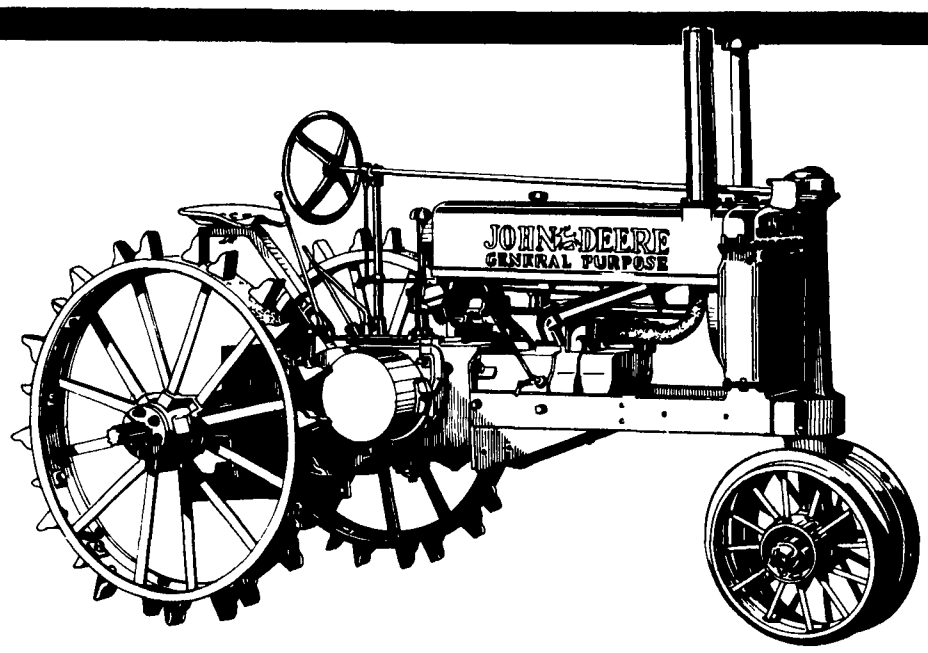
Here are the 1985 results of Mid-Atlantic Hytest tests. You'll see why more Mid-Atlantic growers are making the move to Stanford Seeds to help improve their profits.

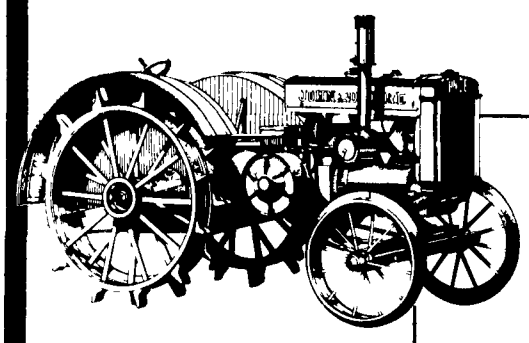
Mt. Joy, Pennsylvania	
Falcon	59.3 Bu/A
VR 3393	57.2 Bu/A
Williams 82	55.9 Bu/A

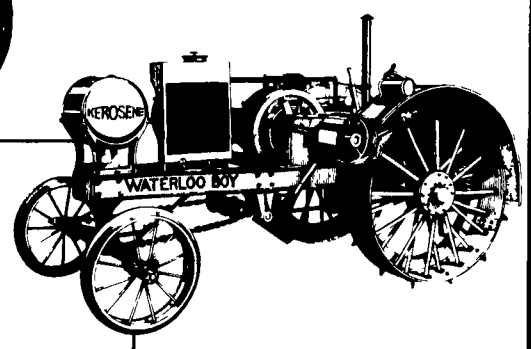
Our reputation is growing in your fields

Stanford Seed

RR1, Denver, PA 17517 Phone 215-267-3805
or see your Stanford Hytest Dealer







No matter what anyone says, nothing is "just as good as a John Deere."

"And ours is just as good as a John Deere" How many times have you heard that? When one manufacturer is so clearly the leader, that's the ultimate claim any competitor can make. But when you put all claims aside, there's nothing like a John Deere tractor with Caster/Action™ mechanical front wheel drive and 15-speed Power Shift transmission No combine can match the productive efficiency of a Titan II And the superior seed/soil environment created by Max Emerge™ planters is literally legendary. But so is the dealer support that's provided with everything in The Long Green Line™ Don't take our word for it Ask anyone. We're happy to be judged by what we're known for

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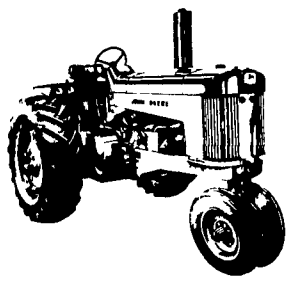
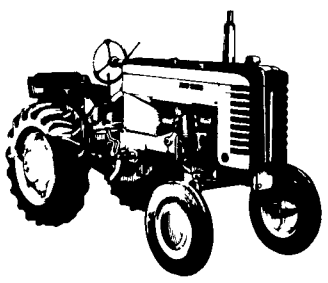
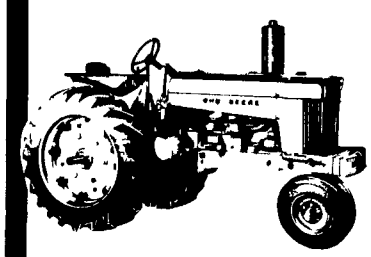
JOHN DEERE







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MAKAREVICH BROS., INC.
Hackettstown, NJ
201-852-4488

EVERGREEN ENGINES CO.
32 Evergreen Road
Lebanon, PA 17042
717-273-2662

FOSTER EQUIPMENT SALES
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A.B.C. GROFF, INC.
New Holland, PA
717-354-4191

KERMIT K. KISTLER INC.
Lynnport, PA
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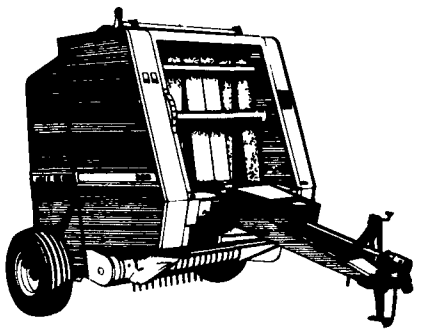
— PA FARM SHOW —
JOHN DEERE EQUIPMENT ON DISPLAY

MAKES COMPACT BALES UP TO 650 POUNDS

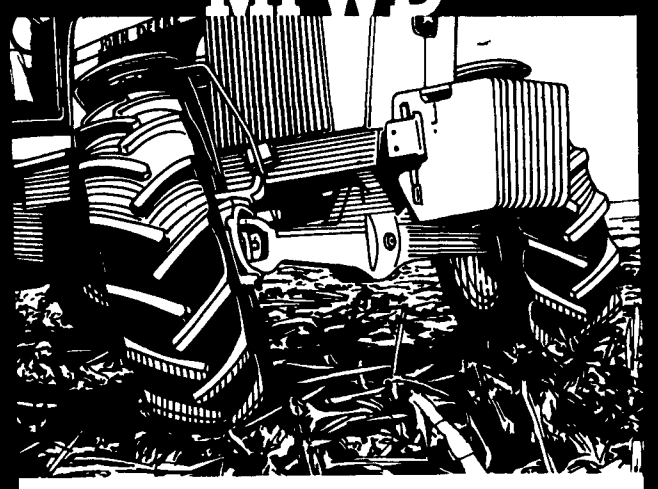


■ Lean and trim in design, the new 330 Round Baler makes small, easy-to-handle packages—up to 650 pounds.

■ The 330 Round Baler has six features in common with the John Deere 430 and 530 Balers. . .the 330 is lower priced.

■ Bale shape and size indicators are mechanical. An audible alert indicates when the bale has reached a pre-set size. The operator controls hydraulic twine wrap and bale release from the tractor seat.

CASTER/ACTION™ MFWD



Terrific traction that turns tight, fits into your row spacing

Caster/Action mechanical front-wheel drive will save time and fuel But this patented system will also turn tight and fit your row spacing

LOADER FOR MFWD TRACTORS

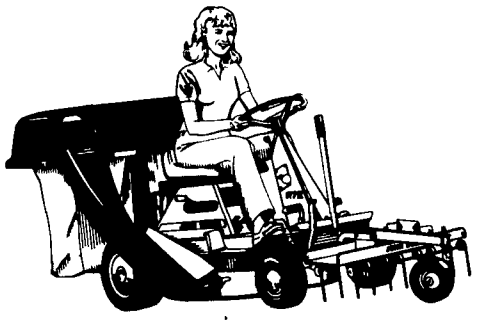
Get a John Deere self-leveling 245 Loader for work with your mechanical-front-wheel-drive tractor, 55 to 75 hp

THE NEXT "CLASSIC"

■ The new all-purpose 95-hp 3150 Tractor and classic 4020 Tractor are the same horsepower and almost the same dimensions. Yet the new 3150 could be the next "classic." And here's why:

■ A 6-cylinder, 359-cubic-inch, naturally aspirated engine lets the new 3150 produce 95 PTO hp* with less fuel. And factory tests indicate the 3150 is about 5 percent more fuel efficient than the 4020.

*Horsepower measured at the PTO at 2400 rpm in factory tests.



R72 RIDER MOWER

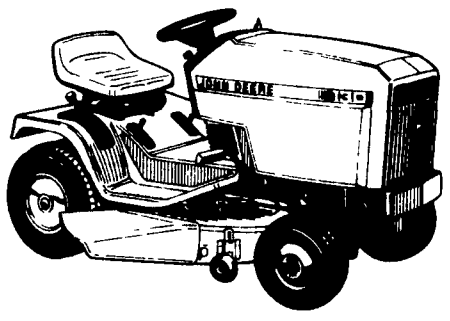
755 HYDRO DSL COMPACT UTILITY TRACTOR

900C HIGH CLEARANCE TRACTOR

570 SKID LOADER

165 LAWN TRACTOR

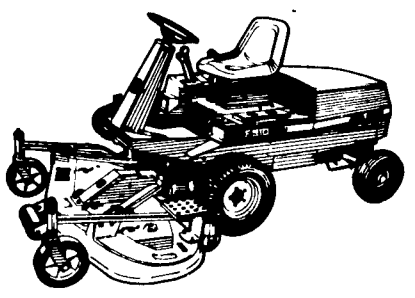
330 LAWN/GARDEN TRACTOR



130 LAWN TRACTOR

MAX EMERGE II UNIT DISPLAY
1327 MOWER/CONDITIONER
4250 MFWD, Q/R, SGB, TRACTOR

LEADERSHIP YOU CAN COUNT ON



F910 FRONT MOWER

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PIKEVILLE EQUIPMENT INC.
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Heavy plastic 55 gal. barrels, no lids, $2 ea. Also Ben Franklin wood stove. Carbon Co. 215-377-3749.

1967 Dodge 50 Aireal truck, $3,300, 6'x8' dual wheels, dump trailer w/3' sides, $500. Lanc./Berks Line. 215-484-4148.

JD 1240 4 row corn planter w/fertilizer and insecticide attach., clean, good shape. $1,200. David Stoltzfus, R.D.2, Box 249A, Wanner Rd., Narvon, Pa. 17555. Lanc Co.

IH 656 diesel, all new valves, piston rings, rebuilt water pump, over hauled recently. Berks Co. 215-683-6628 after 4:30 p.m.

28 Good milk cans, $25 each, Brillion 11' cultapacker w/big rollers, very good, $675. Wash. Co., MD, 301-842-3242 after 6 p.m.

JD 35 harvester, 1000 rpm with 1-row corn head, spout extension and re-cutter screen. Excellent condition. Lanc. Co., 717-665-4329.

Two fuel tanks approx. 275 gal. One w/pump. Lanc. Co., Amos A. Zook, RD2, Box 2291, Gap, Pa. 17527.

Several Knowles 8 ton farm wagons. New condition. New 8-ply flotation tires. Priced reasonable. St. Mary's Co., 301-884-5902.

Denlinger Stationary hammermill, $20. 202 NH manure spreader. L.A. Case tractor both for parts. Jonathan King, 1912 Street Rd., Drumore, Lanc. Co., Pa. 17518.

Used PAPEC model 870 Grinder Mixer, 20" with boger, excellent condition, late model, $2150. York Co., 717-637-2988, Hanover area.

Moline H-5 tractor. Antique 4-leg walnut drop leaf table. 10 Yr. old quarter horse gelding. Farmall C tractor. Berks Co., 215-683-5269.

Registered paint gelding, 6, 14.3, used for trail. Needs work. Loves people, attention. Sorrel, white Tobiano. Southern Lanc. Co., 717-284-2254.

Martin air 5000 ventilating system. 717-528-8772, Adams Co.

O.G. Seed oats cert-85 $2.50/bu. at farm. Cast iron radiators, various sizes, $3.00 per section. Oil fuel tank. Bucks Co., 215-343-9061 after 5pm

2 Belgian-Morgan cross mares, one Belgian gelding, broke to all harness. David J. Yoder, R1, Box 55, Meyersdale, Pa. 15552.

Self contained Camper truck, top, sink, stove, bath, shower, sleeps 4-6. Asking $1,200. Make Offer. Del. Co. 215-LU3-8317

Classic 1958 Jeep FC170 ¾ ton pickup truck and Western snow plow, runs good. $900. Lehigh Co. 215-967-3957

Starter for 4 cyl. Case diesel; Oliver HG crawler tractor; 29 new backhoe bucket teeth, $60. Chester Co. 215-495-6135

Wood Shaper, Craftsman, 27"x19", C.I. table & C.I. base, ½hp motor, spindle speed, 9000 rpm, 8 cutters, $265. 215-539-0428

275 gal. gas tank w/hand pump; 1 small V snow plow; steel casement windows. Lehigh Co. 215-679-9496

(7) Goodyear tires, size 8-19-5 from a new motor home. $350. Pike Co. 717-588-6350 evenings.

JD combination manure & materials bucket to fit no. 37 loader, new; JD no. 10 side mount mower, good condition. Eastern Lanc. Co. 717-354-7151

40 Dairy Goats. Moving, Must Sell Sale. Quality animals A.D.G.A. Reg. Priced $100. to $200. Pedigrees available. Lehigh Co. 215-756-6566

Terra-Trac wide track crawler, no engine, $150. Berks Co. 215-488-6576. If no answer 215-488-6512 leave message.

Tricycle front, transmission and 1 long axle for 2 row Farmall C Super C 200, plus extras. Gloucester Co. 609-478-6090

Bolens 1050 w/42" mower, 36" snow blower, 42" dozer blade, will sell separate. Lanc. Co. 717-354-6469

JD spring 3 section harrow; Brillion 9' cultipacker; McCormick Deering disk. Enos Zimmerman, R.D.4, Box 616, Ephrata, Pa. 17522.

JD corn planter, 6 row conservation liquid fert. markers, monitor; 300 gal. Century sprayer truck, mount, elect. boom controls. Chester Deitch, 1668 W. Lisborn Rd., Mechanicsburg, Pa. 17055.

IH 510 grain drill w/fert. & grass boxes, $2,300.; NH 479 haybine, $2,300.; 18' bale wagon, $850. Perry Co. 717-567-6749

Used Irish horse collars, good cond., all sizes, 18" to 25". Also other collars. Christ E. Fisher, Box 162, R.D.1, Paradise, Pa. 17562.

Surge Alamo 340+ milker pump, Hinman pump, Surge units & straps. Adams Co. 717-624-8124

Large Hol. heifer, due Jan. 26. Lanc. Co. 717-445-4765

Ashley wood and coal stove, like new, $400. or Best Offer. Levi Z. Fisher, R.D.1, Box 185, Cains Rd., Gap, Pa. 17527.

10 h.p. Sears lawn tractor, $150.; 72 JD belly mount finishing mower, $450.; Both excellent condition. Warren Co. 201-689-2085

Wheat Straw and Alfalfa Hay, all cuttings. Also Reg. Hereford Bull, 8 months old. Leb. Co. 717-867-4860

Walnut Grandfather Clock, Westminster Chimes, German Movement, Moon dial, Lyre pendalum; 35 MM camera; Childs play pen; set tray tables. York & Adams Co. line. 717-432-4597

NI 17 rubber tire manure spreader wheels, $150. Bennie S. Beiler, 1156 Lanc. Pike, Drumore, Pa. 17518. Lanc. Co.

New 4' snow blower for front of Suzue 150 or other small tractor, $375.; 8' snow blower can be 3 pt. mounted, $175. Juniata Co. 717-444-3958

Camper shell and metal tool box that locks for long wide bed pickup. Best Offer. Chester Co. 215-688-1308

Shorthorn heifers and bulls, registered & crossbred. Calvert Co., MD. 301-257-6655

CYLINDER HEADS, rebuilt or exchange. Spring Garden Repair Shop, RD1, box 204, Kinzer, PA 17535.

12 yr. QH, Bay trail horse. 12 yr. ½ Arab, sharp, endurance, competitive trail horse. Have shots, new shoes. 717-432-8282.

Case S.C. farm tractor; JD 2 btm. plow; make offer. Military Jeep, 1944. Montg. Co., 215-933-2469.

BOOKS make great Christmas Gifts. Huge collections available w/fine items under $20. Call Ron. York. 717-235-2134

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay Call before 7 AM or after 7 PM. 201-735-8389 or 201-735-8865.

Rock Oak, 1" to 1¼". Also, Cherry and Poplar. After 5 p.m., 717-776-3239.

3 pt. Bush Hog 5½', $395; MF 3 pt. mower, $475; NH 461 haybine, $995; JD 2 bottom plow, 3 pt., $375. 717-354-0266.

1974 Ford C-700, 20' flatbed, 900/20 tires, 5SP, exc. cond. Will sell separately, $4,800. Bridgeton, NJ, area. 609-451-6057.

Corn fed beef ready for the butcher shop, approx. 1,000 lbs., $.60 per pound. JD B parts. Chester Co. 215-593-2115.

Brady stalk pulverizer; Gehl wagon with hoist and floatation tires; JD 890 side delivery rake. York Co. 717-993-2927.

1965 Brockway tandem axle 250 Cummins with 10SP w/40' flatbed trailer, $4,500 package. Ulster. 914-895-3160.

Noble 16', 3PTH harrow, good, OR trade for machinery of equal value. Luzerne Co. 717-759-2921.

Airedale puppies, AKC, excellent bloodlines. Berks Co. 215-582-4763.

JD 95 18.4x26 tires, 334 & 434W corn heads. 319 Ricketts Mill Rd., Elkton, MD 21921. Cecil Co. 301-398-3805.

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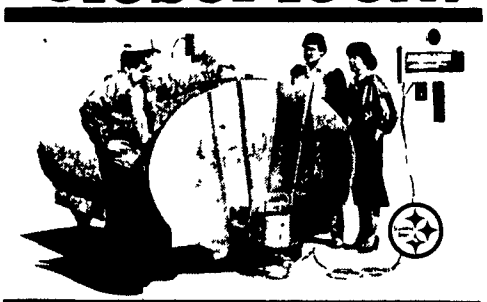
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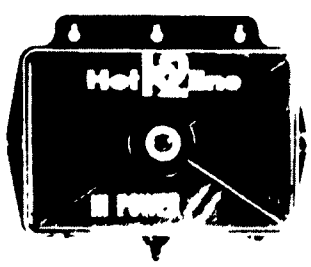
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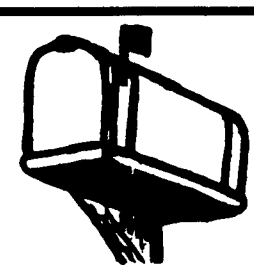

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MAILBOX MARKET
FOR SALE

FOR SALE

Classic Mercedes 280 SEL 1972, good cond., beautiful, a proud car to own. $5,300 or Best Offer. Cecil Co., MD 301-398-6337.

Evergreen Seedlings: Pine, Spruce, Fir for Christmas trees. Free price list. Kennedy's Nursery, RD1, Fenelton, PA 16034. Butler Co. 412-445-2439.

Limestone Quarry Sale or Lease: 90' face Hight Calcium and Magnesium used for agriculture road building-work. Perry Co. 717-582-2483.

Three Frigidaire freezers, 16 cu. ft. Each good working condition. One chest, two upright. Lanc. Co. 717-733-2310.

Two large original Muster rolls, 7th Regiment, Company B Feb., Company K April, 1867, U.S. Infantry, $40 ea. 716-554-6479.

1941 JD H manual start, good condition, 2 way plows and cultivators. Raymond Luhta, 2825 W. 4th St., Williamsport, Pa. 17701.

African Pygmy goats, all NPGA Registered, show quality available, as well as pets, both caramel and agouti. Montg. Co. 215-935-7855 or 215-948-6421

1977 Dodge Cub Cab pickup, $2,000. or Best Offer. Lanc. Co. 717-354-5658

Antique Cookstoves, reconditioned, ready to burn. Also parts, service for Majestic, Kalamazoo, Columbian, etc. For expert service. Leb. Co. 717-949-2195

884 IH diesel on 464 gas or 84 hydro gas. Must be in good cond. Will sell or trade. Somerset Co. 814-634-5790

Good used Salamander heater, 140,000 BTU's, only $25. Berks Co. 215-775-4059

Hand pieced quilts, baby quilts, wall hanging quilts in standard, queen or king sizes. Garrett Co. 301-334-4418

Universal pipeline milker for 48 stalls, complete w/vacuum pump and auto. washer. Baltimore Co., MD. 301-592-6513

'81 Chevy truck, 4x4 dual wheels, steel dump body; 1984 Hillsboro gooseneck dump trailer, 3 axle, like new. Berks Co. 215-589-5228

Registered Nubian Does without papers, bred for Jan., nice conformation, good milkers, $100. each. Berks Co. 215-987-6098 anytime.

8,000 lb., single, post Gilbarco car lift w/controls, used, $1,200. Sullivan Co., NY. 914-482-4939

1971 IH 12' alum. grain dump, livestock racks, like new condition. Priced right. Cumberland Co. 717-423-6142

NH 489 haybine, slightly weathered, used very little. $4,800. Lanc. Co. 717-859-2712

Grass Hay, no rain, .90 cents per bale or $50. per ton. Lebanon Co. 717-949-3443

New tires on rims; Roll bar, off JD 2950. Wholesale priced. R.D.1, Box 31, Narvon, Pa. 17555. Lanc. Co.

Used gas water heater; milk house heater; 5'x20' culvert pipe. Lanc. Co. 717-354-5691

12x65 Holiday-Manor mobile home. Must Sell. $1,500. Make Offer. Will Finance. Also 9 cow stalls & water bowls. Lanc. Co 215-445-6453

Old barn sideing. Write: Hoover, Star Route, Terre Hill, Pa. 17581.

(4) 5,000 bushel steel grain storage bin, $3,200. All or $950. each. Howard Co., MD. 301-622-6870

Amish handmade quilts, all sizes, variety, dealers welcome. Garrett Co., MD. 301-334-4660

NI no. 10, 1 row corn picker, barn kept, field ready, $475. Northampton Co. 215-691-3505

(3) circular cord wood saw blades. Chester Co. 215-593-5708

1978 Ford F250 custom 4 WD, 351 V2, 4 spd., PS, PB, AM-FM, sliding r.w., chrome step bumper, new insp. $3,700. Lanc. Co. 717-367-0564 evenings.

1958 JD 720 Gas, nice, $2,000.; JD 1010 single row, gas, mechanically rebuilt, new paint, sharp, $3,500.; JD 4030 4 post roll bar, 8 spd., clean & sharp, $8,000. Franklin. 717-328-5426

Roto hoe all season power unit w/3' sickle bar mower, used 1 season, 5 h.p. $300. Berks Co. 215-777-9252

1982 Honda ATV Big Red, $765.; 1978 Honda trail 90, $100. or Best Offer. Lanc. Co. 717-665-3865

6 mobile home axles, like new, $100. each or $500. for all. 609-629-6596

Late 1800 or early 1900 2 horse market wagon, excellent condition, $2,500. Firm. Harford Co. 301-877-1713

5 ton feed bin, needs some repair, $45. Chester Co. 215-593-5853

Sawed locust posts, used, but good condition. Balt. Co., MD. 301-357-8689

26" snow blower for Gravely. Balt. Co., MD. 301-357-4299

Quincy air compressor, 20 h.p. w/100 gal. air tank, $3,000.; 80' Cutler Hammer Busway, 100 AMP 3 phase w/take-offs. 717-626-5469

MF 880 5/16 hyd. reset plow. Berks Co. 215-944-7453

All size silo roofs at reduced cost. Lanc. Co., 717-687-6672 or 768-3095.

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, RD2, Strasburg, Pa. 717-787-2562.

Registered Tennessee Walking horses, always a good selection of pleasure mares & geldings, weanlings & yearlings, brood mares. Stud service. 215-267-7311.

Peafowl, 6 cocks, 1978 hatch, $50 each. Also, 1979 chicks, $10 and up. Westminster, MD. 301-876-1235.

Reg. Angus bulls and heifers. Orange Gate Angus Farm, Maurertown, Va. 22644. 703-459-3414.

Used Bee Equipment. Inverbrook Apiaries, RD2, Box 230, West Grove, Pa. 19390. 215-869-3353.

MINI LOP RABBITS with papers, $25. Very loveable pets. NZW Rabbits with papers, $10. Cecil Co., Md., 301-885-2134.

Outside calf hutches, $75 each. David B. Stoltzfus, RD2, Box 282B, Nottingham, PA. Take Brown Rd. at Little Britian, second road right.

Spring wagons & buggies & horse related items. After 7:30 p.m., 301-398-5696.

MAILBOX MARKET
WANTED

WANTED

Tobacco lath, reasonably good quality at fair price. Montgomery Co. 215-275-7170

V & E Stoker Coal Furnace, whole or parts, any condition, need traveling grate assembly. Adams Co. 717-334-1877 evenings

I buy old hooked rugs, especially animal designs. Box 21, Lititz, Pa. 17543. 717-626-7854

Toy Oliver and JD tractors, crawlers and implements, any condition. Over $100. for some. Will travel. Dave. 717-768-3554

Steel fence posts, 7' long. Also bamboo rug mats or curtains and mesh fabric. Leb. Co. 717-949-6834

Female Fox or Boston Terrier pup, purebred. Lanc. Co. 717-626-8902.

Used Stave silo. Union Co. 717-966-3965.

Second hand submissible pump in working order. 215-488-6315.

Power steering kit for JD 850 tractor. 814-364-9333 or 814-238-4955.

Roofs for 12' round wire corn cribs. Lanc. Co. 717-354-9337.

Truck bed, 16' stake. Will travel. Cambria Co. 814-674-8119.

Endless belt, five or six inches, any length. Also, wanted old panel truck. Lanc. Co., 717-872-0712.

Farm buildings to be salvaged in Penna. and Maryland. Cumberland Co., 717-766-0621, 9pm-11pm

Power Steering unit complete for Int. H tractor. Call Knepper, 215-395-2349 collect with prices & details.

Cheese processing information wanted for purchasing equipment & operation of an on-farm cheese processing plant. 814-495-9356. Cambria Co.

Collector buying hay mow forks, tracks, carriers, pullies, knifes. Hog oilers, hand corn shellers. Write Robert Rauhauser, Thomasville, Pa. 17364.

4 to 6 ton steel feed bin. Daniel Beiler, 78 South Maple Ave. Leola, Pa. 17540.

Pipe Bender, steel cutting band saw, 7000 JD conservation corn planter 215-445-6976.

3 Point hitch to fit 400 Farmall, used, no junk, good condition. North'd Co. 717-649-5728.

NI #214 2 or 3 beater spreader, consider fair or poor condition. 215-488-1733 after 7 p.m.

Used rock picker, Vermeer or similar type. Dauphin Co., 717-469-0782.

(4) wire rabbit cages, all wire, good condition. Reasonable price. Chester Co. 215-942-4091

300 gal. skid tank w/electric Gasboy pump. Must be in good condition Lehigh Co. 215-767-5497

Oil furnace, hot air in good condition. Lanc. Co. 717-733-8021

Heavy duty single axle truck. Prefer IH w/long wheel base, diesel engine. No Sunday Calls. 215-445-5880 after 5:30 p.m.

Used Singer walking foot sewing machine. Any condition. Berks. 215-944-7333

Post hole digger, 9" or 12" auger. Also high pressure washer. Cumberland Co. 717-532-4544 evenings

Small chisel plow on wheels, no hydraulic Write: Amos Hoover, R.D.1, Box 377C, East Earl, Pa. 17519. Lanc. Co.

Always Buying old photographs, postcards, labels, documents, paper goods. I'll travel! Please Call! 717-560-0639 evenings. Box 5301, Lancaster, Pa. 17601.

770 Oliver or parts for same, heavy duty wood saw, prefer PTO. York Co. No Sunday Calls 717-292-6361

Carriage horse, safe for women to drive. Lena Nolt, R.D.1, East Earl, Pa. 17519.

Interested in buying 10 tons of ear corn. Must be able to deliver. 301-692-6920

Fenders for Ford 4000, Deutz 4006 or 4506 w/ind. PTO clutch, any condition. Lanc. Co. 717-656-2615

Parts for Weaber corn and hay elevator, manufactured by Miles T. Weaber. Luke Patches, R.D.7, Box 180, Lebanon, Pa. 17042.

Manure fork for IHC 2000 loader. Berks Co. 215-756-6070

Massey Harris tractor model 33WF or 44WF needed for parts or front end. Essex Co., NJ. 201-344-4408

NH pull type bale wagon, large model w/single bale unload. Robert Brown, Loudoun Co., Hamilton, VA. 703-338-2161

Bengal gas stove or parts; Also small sprayer for Farmall Cub. Belvidere. 201-475-3067. Warren.

Single bottom plow for JD LA tractor. Adams Co. 717-677-7786.

Person 15 yrs. or older to help for summer of 1986, full-time or part-time. Benj. Fisher, Box 228A, Maple Shade Rd., Christiana, PA 17509.

AKC male Husky dog. Prefer black/white w/blue eyes. Must be safe with children and animals. Leb. Co. 717-866-5355.

24' aluminum Smoker elevator. Write to: John B. Zook, R1, Box 145, Kinzer, PA 17535.

Hire boy for spring of '86. Elam B. Esh, 3127 Harvest Drive, Ronks, PA, Lanc. Co.

18HP Satoh or Mitsubishi 4WD diesel w/ag. tires, low hours, Reasonable. 717-784-2149.

Apple press in working order. I will do roof work in exchange or buy. Lehigh Co., Slatington. 215-767-1064.

Grain mixer and Fox Silage cutter. Contact: Rufus Zook, Woodward, Pa. 16882.

AKC Siberian Husky, male and AKC Pomeranian male, 6 month or older for breeding. Blair Co. 814-793-3308

Locust Logs. Write: Hoover, Star Route, Terre Hill, Pa. 17581.

New or used storm front market wagon, and/or spring wagon, state price and condition. All replies answered. T. Holliday, Rt. 4, Box 244, Waynesboro, TN 38485.

Old used pine lumber from barn, house, etc. Must be in good condition. No white paint. Lanc Co., 215-445-6231.

Attic Flooring and Log Houses. 717-626-4520

White Pekin Ducks. Adams Co. 717-642-8221 after 5 p.m.

MAILBOX MARKET
NOTICE

NOTICE

For Rent: 24 Acres tillable in Warwick Twp., Bucks Co., Pa. Fifth wheel for sale. 215-355-5453.

FREE FOR HAULING Horse manure. Also several trees for firewood, must be cut down. 717-548-3136 after 4 p.m

Boston Terrier Stud Service, AKC Reg., $35. York Co. 717-428-1012 before 4 p.m.

Oley, 2 bedroom mobile home. Washer/dryer, $300. plus heat, utilities. No pets, children. References, security deposit. Berks Co 215-987-3761

Now is the time to get your spring wagons and carts repaired. Menno R Stoltzfus, 3109 Irishtown Rd., Gordonville, PA 17529.

Fox Terrier stud service. 717-354-7186.

We adopt and/or buy exotic animals: Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc. Berks, 215-374-2114.

Sale Reports

A Dispersal Auction of trucks and farming implements was held January 4 by Robert L. Sechrist, 5 miles south of Stewartstown, York Co., Pa. near New Park. The sale was well attended.

Some prices included: 1974 Chevrolet C-65 truck with cattle body $13,800, 1984 Ford F-350 truck $9800, 1976 Int. tractor #574 D $7600, Myers 8' snow plow $130, rear scraper blade $225, dump wagon $400, Woods C-80 rotary mower $1075, and 2 Smidley hog feeders $115 each.

Tom Sechrist was the auctioneer.

XXX

A Public Auction was held January 1, New Years Day, at Johnson's Auction, 17 New Haven St., Mt. Joy, Lanc. Co., Pa.

Some prices received were: 2 large copper kettles $375 & $300, C. Dudley watch $2750, Larkin corner cupboard $165, Ansonia shelf clock $90, Ruby red pitcher set $40, Deitz lantern $30, oak washstand $150, Nippon Chocolate set $105, coffee grinder $40, wooden chest $100 and milk can $13.50.

H. Edward Johnson was the auctioneer.

XXX

The Farmersville Auction held a New Year's Day Sale in Farmersville, 3 miles east of Brownstown, Lanc. Co., Pa. There were many antiques and collectibles sold.

Some prices were: pie safe $925, S roll top oak students desk $1000, spinning wheel $200, collapsible high chair $200, 3 piece oak bedroom suite $675, oak kitchen cabinet complete w/spice jars $500, round oak clawfoot table $325, oak bed $300, oak extension table w/boards $500, oak sideboard $350, pair Mickey Mouse throw rugs $75 each, 19" black Bisque doll $170, Miss Curity doll $65, petticoats $17 to $37.50 and carnival dishes $14 to $70 each.

The owner was John J. Rutt and the auctioneer was Lester Weaver.

XXX

A Public Auction of farm equipment was held January 1 by David L. and Edna Z. Weiler, off Route 322 beyond Hinkletown on Martin Drive, Lanc. Co., Pa. There were 387 registered bidders at the sale.

Some prices included: M.F. 760 combine w/corn head $27,200, J.D. 5020 tractor $5400, J.D. 3020 tractor $7100, M.F. 260 corn harvester w/pickup $2300, N.H. haybine $3800, Dion forage wagon $1200, M.F. 880 6x16 plow $2000, 2 one-man tobacco hoers $375 each and Minnich tobacco press $120.

Paul E. Martin and John D. Stauffer were the auctioneers.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JANUARY

MON. JAN. 13 - 11AM Turret Lathes, Drill Presses, Grinders, Air Compressors, Forklift, Shelving, Tools, Office Furn. Mid Atlantic Flange Co., Inc. (MAFCO), 1110 Rt. 113, Kimberton, PA. Directions: On Rt. 113, is 7 mis. E. of Rt. 100, 2 mis. W. of Phoenixville, PA. (Rt. 23). Wm. F. Comly & Son, Inc., Aucts.

TUES. JAN. 14 - 4PM Farmersville Auction in Farmersville, 3 mis. E. of Brownstown, Lanc. Co., PA.

WED. JAN 15 - 10AM Machinery Surplus to Mfrs. Needs, Die Cast Machines, Presses, Lathes, Warehouse & Office Eq. Located D & Erie Sts., Phila., PA Wm. F. Comly & Son, Inc., Aucts.

WED. JAN. 15 - 9:30AM Trucks, Plumbing Supplies, Fork Lifts, Contractors Tools. Located: Off I-83, Exit 12 N. of York, PA, go W. to Rt 295, turn right, go ½ mi. to Farm Brook lane on left, 1st large building on left. Wayne A. Howe, Inc. Mech. Contr. Rentzel's Auction Service.

WED. JAN. 15 - 10AM Valuable Food Locker & Retail Market Place Located 13 N. Main St., Manheim Borough, PA. For: Manheim Frozen Food Locker. E.M. Murry Associates.

THURS. JAN. 16 - 11AM 150 Head at Mel Kolb, Inc., Woodsboro, MD, location.

THURS. JAN. 16 - 7PM Two Exciting Events. Hershey Motor Lodge & Convention Center, Rt. 22-322, Hershey, PA. PA Aucts. Assoc. 6th Annual Championship Bid Calling Contest. FRI. JAN. 17 - 7PM Fun Auction. Kerry Pae, Aucts.

FRI. JAN. 17 - 1PM Brooks End & Par-Kay Farms Annual Winter Sale at the farm, Beavertown, PA. Selling 200 Head: 70 Bred Gilts, 90 Open Gilts, 40 Service Boars. Mike Jones, Auct.

FRI. & SAT. JAN. 17 & 18 - 6PM, 10AM Respectively. Troxelville Auctin Center 2 Day Antique Auction. Located off Rt. 522 at Beaver Springs, 4 mis. to Troxelville. From Harrisburg, PA, take Rt. 15 N., left to Rt. 104 N. to Middleburg, left at light on Rt. 522 to Beaver Springs. Roy L. Martin, Auct. Joseph Herman, Sales Manager.

SAT. JAN. 18 - 9:30AM I.C.E. Hammer, Hyd. Cranes, Const. & Line Eq., & Vehicles. For: Florida Power & Light Co., Riviera Beach, FL. Vilsmeier Auction Co., Inc.

SAT. JAN. 18 - 9AM Work, Driving & Riding Horses, Tack, Hay & Straw at Jersey Shore Livestock Market. Harold Fraley, Auct.

SAT. JAN. 18 - 9AM Antiques, Hshld., Car & Real Estate. Located: RD1, Mt. Wolf, PA, Starview. Go on Codorus Furnace Rd. 1 mi., Mt. Hebron Rd. on left, 3 houses on right. Estate of Katherine Hoover. Rentzel's Auction Service.

SAT. JAN. 18 - 11AM Real Estate & Business. Location: 1 mi. W. of Chestertown on Rt. 20 & Brice's Mill Rd., Chestertown, MD. Harry Rudnick & Sons, Inc., Aucts.

SAT. JAN. 18 - 10AM Farm Eq. Located From Seaford, DE, off US 13 take Stein Hwy. to Atlantia Rd. to 2nd road right (561) to 1st road left, auction on left. Sale on 554. LeRoy Allen, Owner. A. Curtis Andrew Auction Inc.

SAT. JAN. 18 - 11AM Mr. & Mrs. Lloyd Drake Complete Farm Dispersal, Along Rt. 36, app. 3 mis. N. of intersection of Rts. 36 & 417 at Jasper; app. 13 mis. S. of Canisteo, Steuben Co., NY. Pirrung Auct., Inc.

SAT. JAN. 18 - 11AM Tractors, Farm Eq., Dairy Eq. & Hay. Location: 4 mis. S. of St. Georges Bridge turn E. off US 13 on to road 420 at Boyds Corner. Go E. about 2 mis. 1st farm on right. Richard E. & Ceal C. Chambers, Owners. C.T. Scuse & Sons, Inc., Aucts.

MON. JAN. 20 - 11AM Robert & Joanne Gruber-Real Estate 48 Acre Farm & Modern Farm Eq. Along Pecks Rd. off Rt. 441 E. of Middletown, Londenberry Twp., Dauphin Co., PA. C.H. Wolgemuth Auction Service.

MON. JAN. 20 - 1:30PM Valuable Horse Boarding Farm. Located along upper Pine Creek Rd., Chester Springs, Chester Co., PA. From intersection of Rts. 100 & 113 at Lionville take Rt. 113 E. to Rt. 401, turn right on 401 app. ¾ mis. to upper Pine Creek Rd., turn right continue to second place on left. Ordered by: Frederick L. Reigle Esquire Trustee in Bankruptcy. in RE: Joseph P. Trigona. E.M. Murry Assoc.

TUES. JAN. 21 - 11AM Farm Mach., 65 Holstein Dairy Cattle. 3 mis. S. of Catawissa, PA. Columbia Co. Terms by: Jr. & Mrs. Paul Mack. Fraley Auction Co.

WED. JAN. 22 - 11AM 21 Acres in Goochland Co. (Rock Castle Area). William L. & Sandra Hicks, Owner. Ownby Auction Service.

WED. JAN. 22 - 11AM 21 Acres in Goochland Co. (Rock Castle). Wm. L. & Sandra Hicks, Owners. Ownby Auction Co.

THURS. JAN. 23 - 9:30AM Hshld., Antiques, Dishes, Tools. Located Lanc. Co., PA, 3 mis. E. of White Horse on Buena Vista Rd. From Rt. 340 go S. at Cains. Lizzie L. & Rebecca S. Allgyer, Owners. Steve & Steve Jr. Petersheim, Aucts.

THURS. JAN. 23 - 7PM Valuable Real Estate. Located ½ mi. W. of New Holland along Rt. 23 near Twin Kiss, Lanc. Co., PA. Terms by: James E. & Dorothy S. Witmer. Robert E. & Jeffrey R. Martin, Aucts. Frank L. Steller.

THURS. JAN. 23 - 12:30PM 334th Special Guernsey Sale. Selling Approx. 70 Registered Guernseys. At The Guernsey Sales Pavilion, 6 mis. E. of Lancaster, PA, on Rt. 30. Managed by: PA Guernsey Breeders' Assoc & The Merryman Co.

FRI. JAN. 24 - 10AM Horse Sale New Holland Sales Stables, Inc., New Holland, PA.

FRI. JAN. 24 - 12 Noon Dairy Cow Sale of 60 Holsteins. Selling at Kling's Sale Barn, 15 mis. N. of Carlisle, PA, on Rt. 74, 2½ mis. NE of Landisburg, Perry Co., PA. V. Art Kling.

SAT. JAN. 25 - 9:30AM Line Eq., Trucks, Vehicles. For: PA Power & Light Co., Allentown, PA. Vilsmeier Auctin Co., Inc.

SAT. JAN. 25 - 12 Noon 45 Holstein Dairy Cattle, Dairy Eq. 15 mis. N. of Williamsport, PA, at Calbert, Lycoming Co. Mr. & Mrs. Elwood Loudenslager. Fraley Auction Co.

SAT. JAN. 25 - 9AM 84 Acre Dairy Farm, Farm & Butcher Eq., Grain Truck, Hay & Straw, Antiques, Hshld. Located: 3 mis. S. of Strausstown on Bricker Rd., Jefferson Twp., Berks Co., PA. Turn off New Schaefferstown Rd. across from Tulpehocken High School onto Bricker Rd. for 1 mi. to sale. Ordered by: Harry W. & Helen S. Naftzinger Kenneth P. Leiby, Auct.

SAT. JAN. 25 - 10:30AM Farm Tractors, Trucks, Trailers, Farm Mach. Located 12 mis. S. of Lancaster, PA, 1 mi. W. of Rt. 222 at Quarryville. Turn on Scotland Rd. at Cemetery, Lanc. Co., PA. Sale by: Dean H. Mylin, George H. Deltrick, Auct.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. JAN. 25 - Farm Eq. to be moved to Bowis Equipment in Tappahannock. Conducted on behalf of Richmond PCA. Ownby Auction Co.

WED. JAN. 29 - 9:30AM Lg. Quantity Scaffolding, & Mechanical, Elec. & Contractors Tools. For: Public Service Elec. & Gas Co., Salem, NJ. Vilsmeier Auction Co., Inc.

FRI. JAN. 31 - 122 Fresh & Close Springing Holstein Heifers. At "The Udder Place", Redfield Farm, Inc., Amelia, VA. Ownby Auction Service.

FEBRUARY

SAT. FEB. 1 - 10AM 83 Acre Farm & Equipment. Location: Cumberland Co., 10 mis. E. of Shippensburg, PA. 2 mis. S. of Centerville on Pine Rd. From I-81 Newville Exit 11, take Rt. 233 S. to second crossroads, turn right to second farm on left at Beetam Rd. Robert L. Spahr, Owner. Art Rife, Auct.

SAT. FEB. 1 - 9:30AM 9 Tractors, Combine, 4 Trucks, Full Line of Modern Farm Mac.h & Some Antique Horse Drawn. 14 mis. E. of Frederick, MD, on Rt. 26, N. of Clemsville Rd., 1st farm on right. Kenneth & Reba Burrier, Owners. Robert C. Mullendore, Auct.

FRI. FEB. 7 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

SAT. FEB. 8 - 1PM Arnold's 40th Hog Sale. Duroc- Crossbred- Landrace- Yorkshire. Lebanon Fairgrounds, Lebanon, PA. Harry Bachman, Auct.

SAT. FEB. 8 - Farm Eq. & Tools. Located along Rt. 897 between Kleinfeltersville & Schaefferstown, PA. Aaron H. / Stella B. Martin Paul E. Martin & John D. Stauffer, Aucts.

SAT FEB. 8 - 9:30AM Special Horse Sale at Kish Valley Dairy Sales, Corner of S. Walnut St. adjacent to Front Mountain Rd., Belleville, PA. Sherman Glick, Owner. Mark Glick, Auct.

TUES. FEB. 11 - 9:30AM Farm Mach., Mules, Hay & Straw, Hshld. Strasburg, RD1 Sale by Ruth Z. & Aaron S. Fisher, Jr Alvin Miller & Elvin Siegrist, Aucts.

THURS. FEB. 13 - 10AM Farm Mach., Mules & Horses. 1 mi. S. of Ronks. Johnothan F. & Katie King. Steve & Steve, Jr. Petersheim, Aucts.

THURS. FEB. 13 - Full Line of Farm Mach Carlisle, PA. Glenn Raudabaugh, Owner. Kling's Auction Service.

THURS. FEB. 13 - 10AM Dispersal of Purebred & Grade Holsteins, Farm Mach, Horses, Feed & Misc. 5 mis. S. of Willow Street on Radcliff Rd. (Turn right off Byerland Church Rd.) Jonas B. & Sarah King, Owners Mel Kolb, Inc., Sale Mgr. Robt. C. Mullendore, Auct.

FRI. FEB. 14 - Complete Dispersal of Mostly JD Farm Mach. Located 4 mis. W. of Wakefield, Drumore, Twp. Robert McCauley, Owner. J. Everette Kreider, Auct.

FRI. FEB. 14 - 10AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

FRI FEB. 14 - Trucks, Farm Mach. & Feeder Cattle. Newville, PA. Mrs. Norman Reinford, Jr., & Ronald Reinford, Owners. Art Kling, Auct.

FRI. FEB. 14 - 1:30PM PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 off I-81. 717-249-4511.

SAT. FEB. 15 - 9:30AM Special Horse Sale. Belleville Livestock Mkt, Inc., Belleville, PA.

SAT FEB. 15 - 8:30AM Six Mules, Farm Mach., Milking Eq., Leister Dsl, Hshld. & Antiques. Located 228 Hollow Rd. off Rt. 340 E. of Intercourse, PA. Take West View Drive on Ridge Rd. & to Hollow Rd. Melvin J. & Katie Beiler, Owners. Ron Funk, Gordon Ressler, Sam B. Stoltzfus, Aucts.

SAT. FEB. 15 - 9:30AM Real Estate, Livestock, Farm Eq. Located 20 mis. E. of Millersburg, 4 mis. E. of Gratz, 12 mis. W. of Rt. 81 from Exit 34, 1 mi. W. of Spring Glen along Rt. 25, Lykens-Hickens Valley, Hubley Twp., Schuylkill Co., PA. By: Melvin E. & Ruth F. Stoltzfus. Diffenbach's Auctioneers.

TUES. FEB. 18 - 10AM - Livestock & Farm Equip. Located 7 mi. East of Lancaster, 1 mi. West of Paradise along Rt. 30 in Soudersburg. Dan L. Stoltzfus, owner. Diffenbach's, Auct. #225L.

TUES. FEB. 18 - 9AM Farm Mach., Five Work Horses, Feed, & Milk Eq. 1 mi. N. of Intercourse, PA, along Rt. 772. Jacob G. Esch, Owner. Steve & Steve, Jr., Petersheim, Aucts.

TUES. FEB. 18 - 10:30AM Isaac W. Patches Estate Cross Roads Farm. Corner of Zinns Mill Rd. & S. Lincoln Ave., Rt. 7, Lebanon, Lebanon Co., PA From Rt. 72 S. of Lebanon turn E. on Rocherty Rd. towards VA Hospital. Cross Cornwall Rd. onto Evergreen Rd. & turn right onto S. Lincoln Ave. at Evergreen Tractor Co. & proceed to property at cross road. By: Lebanon Valley Nat'l Bank. Harry H. Bachman, Auct.

WED. FEB. 19 - 10AM Farm Eq., 3 JD Tractors, Produce. 6 mis. N. of Williamsport, PA, at Warrensville, Lycoming Co. Mr. & Mrs. Harold Fox. Fraley Auction Co.

THURS. FEB. 20 - 10AM Specializing in Reconditioned Horse Eq., Cub Tractors, & Farm Eq. Located between Soudersburg & Paradise at 2971 Lincoln Hwy. East, 6 mis. E. of Lancaster, Lanc. Co., PA. Terms by: Tom Wheary & Sons. Robert E. & Jeffrey R. Martin, Aucts.

THURS. FEB. 20 - 9:30AM Cattle sold at 12:30. 70 Head Reg. Holsteins, Farm Mach. Narvon, Lanc. Co., PA. Emanuel & Katie Fisher, Owners. Steve & Steve, Jr., Petersheim, Aucts.

THURS. & FRI. FEB. 20 & 21 - Horst Farm Eq. Sale at Marion, PA. Ralph W. Horst, Mgr.

FRI. FEB. 21 - Mostly Case Farm Mach. Located 3 mis. E. of Wakefield, Little Brittian Twp. James Ross, Owner. J. Everette Kreider, Auct.

FRI. FEB. 21 - Complete Dispersal of Dairy Herd, Horses, Other Livestock & Horse Drawn Farm Mach. Located near village of Centre, Juniata Co., PA. Alta Swarey, Owner. Brian D. Imes, Auct.

FRI. FEB. 21 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

FRI. FEB. 21 - 226 Holsteins and Guernseys. E. Lyle Clark, Jr., Stuart, VA. Ownby Auction Service.

SAT. FEB. 22 - 9AM - 12th Annual Public Sale of Strasburg Fire Co. #1, Strasburg, Pa. Farm Machinery, Antiques & Household goods. Sale Managed by Elvin Siegrist & Alvin Miller, Aucts.

SAT. FEB. 22 - 11AM - Ear Corn, Ensilage, Farm Equip. Located 1 mi. NE of Lampeter along Pioneer Rd., Lancaster Co., PA. Barry L. Herr, owner. Diffenbach's, Auct. #225L.

SAT. FEB. 22 - 9AM Consignment Auction Sale. For: Suburban Contractors Assoc., Essington, PA. Vilsmeier Auctin Co., Inc.

SAT. FEB. 22 - 9AM Farm Eq., Hay & Straw, Personal Property. From Lancaster take Rt. 272 S. to Wakefield, in Wakefield take Rt. 222 S. approx. 1 mi. to farm on left. Farm is across road from Fulton Twp. School, Fulton Twp. Elmer & Orpha Weber, Owners. Roy Good, Jr., Randal V. Kline, Lloyd H. Kreider, Aucts.

SAT. FEB. 22 - Farm Mach. RD, Loysville, Perry Co., PA. Ray & Lynn Kling, Owners. Kling's Auction Service.

SAT. FEB. 22 - 9AM Farm Mach. & Tools. Located: From Rt. 30, Mt. Zion Exit, take Rt. 24 S. 2½ mis. to Windsor Rd., bear left, go 1 2/10 mi. to Kendale Rd., turn right, ½ mi. to sale. Mr. & Mrs. Howard Kohler, Owners. Rentzel's Auction Service.

SAT. FEB. 22 - 9:30AM Modern Farm Eq., 1977 Ford Pickup. Take Broad St. in Honeybrook, PA, Chester Co. off Rt. 322. Follow auctin arrows. Levi S. & Lydia Ann Stoltzfus, Owners. Ron Funk, Gordon Ressler, Sam B. Stoltzfus, Aucts.

H & H Auction

Every Thursday Night,
6:00 P.M.

Located on Strasburg Rd., Coatesville, ½ mi. East of Stottsville Hotel and 1 mile West of Rt. 82.

Household Goods & Appliances sold at every auction.

Consignments accepted.
Call 215-384-7647

Visit our used furniture and appliance store, 50 pieces of appliances at all times.

Auctioneer:
Richard Dunlap AU001605L

250-350 HEAD SPECIAL HORSE SALE WORK HORSES-MULES & DRIVING HORSES

FRIDAY JANUARY 24, 1986

Tack 9:00 A.M.
Sale 10:00 A.M.

AT NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

- 2 Load Work Horses and Mules consigned by Ward Wright.
- 1 Load Work Horses and Mules consigned by Norman Kolb.
- 1 Load Work Horses consigned by Tom Collins.
- 1 Load Work Horses consigned by Jim Howard.
- 1 Load Work Horses and Driving Horses consigned by Bub Leonard.
- 1 Load Driving Horses consigned by Clayton Waterbury.
- 1 Load Driving Horses consigned by Jonas Beiler.
- 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
- 1 Load Driving Horses consigned by Elam B. Stoltzfus.

Plus many more consignments by sale time.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538
Next Horse Sale Fri. Feb. 7

PUBLIC AUCTION

REAL ESTATE & BUSINESS

Location: 1 Mile West Of Chestertown On Route 20 & Brice's Mill Road, Chestertown, Md.

SAT., JANUARY 18, 1986
AT 11:00 A.M.

Restaurant & Store: 40'x30' Concrete Block Building W/12x22 Crab Cooking Addition, Walk In Cooler.

Produce Building: 36'x24' Frame W/Concrete Floor & 12x12 Cooler Room, Nice Parking Lot, Water & Sewage.

A Great Opportunity To Purchase Real Estate & Established Business.

$5,000.00-Deposit, Balance At Settlement Within 30 Days. Subject To Confirmation.

INSPECTION AT ANY TIME, BUSINESS IN OPERATION TILL SALE TIME.

HARRY RUDNICK & SONS, INC.
AUCTIONEERS & REALTORS OF GALENA, MD.
1-301-648-5601

PUBLIC AUCTION

OF
FARM EQUIPMENT
SATURDAY, JAN. 18, 1986
AT 10 A.M.

Located from Seaford, Del. off U.S. 13 take Stein Highway to Atlanta Rd. to 2nd road right (561) to 1st road left. Auction on left. Sale on (554).

Tractors

Int. 1066 diesel, Int. 806 Diesel MF 65 Gas, Combine MF - 510 - Diesel - grain and corn head.

Equipment

Int. 5100, 21X grain drill -w- press wheels, 12 ft chisel plow, 10 ft chisel plow, Int. 560 - 6x16 semi mt plow, Int. 370 - 16 ft disc, Int. 370 - 12 ft disc, Int. 10 ft off set disc, Brillion 18 ft Comfort packer, J.D. 24 ft. springtooth, Int. 10 ft springtooth, Int. 4 Row Rotary Hoe, Long 6 ft Rotary mower, 5 ft Bush Hog, New Idea lime drill, dark sprayer, self unloading grain wagons, flat wagons, Brillion 6-31" cultivators, Ferg. 4 row cultivators, JD 6 ft scrape blade, Grove 5 ft scrape blade, 30'-4" auger, 3 pt boom, 18.4-34 duals, Quick hitch, 1000 gal water tank, 110' gal fuel tank -w- elec. pump, 10 gal fuel tank -w- 2 compartments, torch set, Lincoln 180 welder, old barn boards.

Trucks

1959 Chevy-w-20 ft all steel grain body, 1957 - 15 ft grain body, 1954 Chevy -w- dump body, 1974 ½ tm Dodge pick up, 1965 Chrysler New Yorker hard top. **Inspection of vehicles responsibility of purchaser.**

TERMS OF SALE: Cash or approved check or letter from bank guaranteeing funds.

Owner
LEROY ALLEN
1-301-754-5086

Auctioneers —
A. CURTIS ANDREW AUCTION INC.
Curtis Andrew
Mike Roe
Glenn Watson

FARMERSVILLE AUCTION

TUESDAY, JANUARY 14
4:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

General Household Goods Sale.

See Jan. 11 Lancaster Newspaper for full listing.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Auctioneer: Lester Weaver
AU-982-L

PUBLIC AUCTION

MODERN FARM EQUIPMENT; TRUCKS
MONDAY, FEB. 24, 1986
at 10 A.M.

Between Quakertown & Hellertown, 1 mile S.W. of the village of Springtown, just off Rt. 212, Bucks Co. Pa.

AC-N5 Gleaner rotary corn plus combine w/brown interior, air, straw chopper, pace monitor, acre estimator, 15' floating grain head w/430 threshing hrs; AC 6-30"-N row variable c head; Int 1486 diesel tractor w/digital data center, dual hyd, cab, air, etc, radial tires, 2300 hrs; Int 2350 frt end loader w/84" bucket; also fork lift attach; Binkley-Steiger 13' nine shank spring trip digger disc. plus full line of farm equip. Full ad later.

Ordered by
KIRKLAND FARM- THOMAS MEYER
Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. License #AU-001809-L

PUBLIC SALE

48 ACRE FARM and FARM EQUIPMENT
MONDAY, JAN. 20, 1986
11:00 A.M.
Farm At 1:00 P.M.

Located along Pecks Road, just off Rt. 441 East of Middletown. Turn onto Pecks Road at the Observation Tower. Second farm on left. Londenderry Twp., Dauphin Co. Pa.

48 ACRES Excellent Productive Soil. Large Bank Barn, Tobacco Shed, Silo, 4-Car Garage. Along Macadam Road.

2½ STORY Frame Dwelling. Bath, Electric Heat, Mature Shade. Plus a whole lot more.

Open for inspection-Sat. Jan. 11– 12 p.m. to 4 p.m. Other times by appointment. Call 717-944-4580 or 717-665-5664.

4 TRACTORS & MODERN FARM EQUIPMENT

7020 ALLIS CHALMERS TRACTOR w/Cab, Air, Stereo; A.C. 185 Diesel, recently overhauled w/turbo; A.C. D17 Tractor; A.C. D15; J.D. 7000 Corn Planter; 1580 Krause 18' Wing disc; 21' Brillion Wing Packer; Brillion Transport Harrow; 310 N.H. Baler w/thrower, (floatation tires); Glenco 7-Tooth Chisel; N.H. 244 Spreader; N.H. 365 Tank Spreader; Liquid Manure Tank mounted on Chevy Truck; 3 N.H. Hay Wagons w/Racks, N.H. 56 Hay Rake; N.H. 28 Whirl-a-Feed Blower; Ideal Straw Chopper; 7' Bush-Hog Mower, Walsh Field Sprayer, A.C. 7' Grass Mower, Brillion Cultimulcher 14', NI 225 2 row narrow picker, etc.

No Out of State Checks Unless Known by Owner or Aucts.

Not Many Small Items. Please be prompt. Sale to begin at 11 A.M. Property offered at 1:00 p.m. Lunch Available.

To Inspect Property call 717-944-4580 or 717-665-5664. Open Sat. Jan 11, 12 p.m. to 4 p.m.

SALE BY:
ROBERT & JOANNE GRUBER
Mel Hess, Atty.
C.H. WOLGEMUTH AUCTION SERVICE
R.D. #2, Manheim, Pa.
Ph. 717-665-5664
AU-1036

TROXELVILLE AUCTION CENTER

2 DAY ANTIQUE AUCTION

FRIDAY, JAN. 17, 6:00 P.M.

AND

SAT., JAN. 18, 10:00 A.M.

Located Off Rt.-522 At Beaver Springs, 4 Miles To Troxelville. From Harrisburg, PA. Take Rt.-15 North, Left To Rt.-104 North To Middleburg, Left At Light On Rt.-522 To Beaver Springs. For Info. Ph. 717-658-7141.

VERY PARTIAL LISTING

2 Pc Cherry Corner Cupboard Blind Door Corner Cupboard, Pie Safes, Jelly Cupboards Dry Sinks Blanket Chests, Meal Chest W/Dough Box Flour Chest Sets Of Plank Seated Chairs Dough Boxes Quilts (Approx 25 & Old) 25 Pcs Fancy Wicker In (Photo Chairs Rockers Desk Chair Stands) Oak Bedroom Sets, Oak Chinas, Sets Oak Chairs, Oak Round And Square Tables (W/Leaves) Many Oak Dressers Chests & Washstands Oak Ice-Boxes Bookcases, Sideboards, Brass Beds, Marble Top Walnut 3 Pc Bedroom Set, Victorian Tables, Walnut Furniture, 15 Hanging Mirrors, 25 Fine Frames & Pictures, Rare Cut Glass Large Vase Lot Of Very Good Old Glassware, Decorated Jugs And Crocks, Clocks, Lamps, Oil Lights, Oil On Canvas Painting, Fancy Silver Trim Stove, Oak "S' Roll Top Desk Fancy Oak Side-By-Side Desk Oak Corner Cup, Hoosiers, Oak Cupboards, Plus Hundreds Of Other Rare And Fine Antiques We Assure You You'll Be Impressed With The Quality And Quantity Of Items

TERMS: Good Check- Money Order- Cash- 6% PA Sales Tax If Not Dealer Examp

SALE ORDER: Fri 17th- Glassware- Pictures- Smalls, Quilts. Sat. 18th- Wicker- Large Furniture- Remainder Of Smalls

AUCTIONEER NOTE: This Is A Large 2 Section Auction With Hundreds Of Fine Items, Come Prepared To Buy!

SALES MANAGER
JOSEPH HERMAN

Auctioneer Roy L. Martin
PA. Lic. #AU000581L

Heated Building-Eats & Seats

PUBLIC AUCTION

FARM EQUIPMENT AND HOUSEHOLD GOODS

SAT., JAN. 25, 1986

At 10:30 A.M.

Located 2 miles south of Bowmansville, Pa. From Rt. 625 take Oaklyn Drive east to Silver Hill Rd., turn right to property.

J.D. 2440 Diesel Tractor on steel wheels, 1500 hrs.; N.I. 214 Spreader; N.H. 469 Haybine; J.D. "B" on steel; J.D. 700 Grinder-Mixer, very good cond.; 14T J.D. Baler, good cond.; J.D Grain Drill; Transplanter; J.D. 494A Corn Planter, 4 row; J.D. 246 Corn Planter, 2 row, 3 pt. hitch; N.I. Sickle Bar, Trailer, Mower; J.D. Tool Bar; J.D. KBA Wheel Carrier Disk; N.I Hay Rake, old style with steel wheels; J.D. 9' Spring Tooth Harrow; Ford 204 9' Disk; J.D. 125 3' Trip Plow; 10' Brillion Cultipacker; Shovel Harrow; Lincoln Welder.

Skil Saw; 2 Chain Saws (Solo & Remington); Garden & Lawn Sprayer; 2500 Watt A.C. Gen with eng.; 2 Wheel Trailer; 16' Flat Wagon with corn sides; Platform Scale; Dbl. Diesel Tank w/1 pump; Tobacco Bale Box; Hydraulic Cylinders; Homemade Tobacco Hoer; Brooder Stove; 3 Hog Feeder; 3 Summer Lambs, 9 Ewes; 1 Buck; Metal Hog Feeders; approx. 75 tons Corn Silage; approx. 600 Bales Clover Hay; lots of Misc Small Tools and Items

HOUSEHOLD GOODS: Kitchen Range; Coal Space Heater; 36" Magic Chef Gas Stove; Bedroom Suite; Wardrobes; Cedar Chest; Empire Bureau; Sectional Sofa; Rockers; Armchairs; 6 Parlor Chairs; 3 Pc Cocktail Set; Clothes Trees, Singer Sewing Machine, Breakfast Tables, Metal Cabinets; Highchairs; Wooden Butter Churn; Carpets & Rugs; Canning Jars; Bedding; New Comforts & Quilts; Misc Housewares.

TERMS: Cash or good check day of auction.

TERMS BY:

AMMON S. AND IRENE H. SNYDER

Alvin Horning, Auctioneer
AU-000433-L
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543
215-286-5183

Lunch will be available

PUBLIC SALE

OF FARM MACHINERY

Location: 5 miles south of Quarryville on Route 222 take Cedar Hill Road at fork. Go app. 1 mile and turn right on Black Road to sale. Little Britain Twp. Lancaster Co. Pa.

FRIDAY, FEB. 21, 1986

11:00 A.M.

1968-930 Case Diesel
1968-730 Case Diesel
1955-830 Case-O-Matic Diesel
1973 Int. Tractor 444 (Gas)
Case 1735 Uni Loader (Gas)

Massey Ferguson 880-5 bottom hyd. reset plow (18 in.); MF 3 bottom 18 in. roll over plow; 12 ft. case transport disc; JD 10 ft. cultimulcher; NH 479 haybine; NH 278 baler w/thrower; Int. Hyd. hay rake; MF side mounted 7 ft. mower; NH 30 ft. elevator.

AC model 40 stalk shredder; JD 1240 4 row corn planter; JD 38 forage harvester (needs help); w/2 row narrow head & hay pickup; Dion & AC forage wagons; AC blower; 2 bale wagons w/racks; NH 16 ft. corn drag; 3 JD 45 manure spreaders (1 for parts); portable large feed trough; Woods 5 ft. PTO Mower; heavy duty 2 horse trailer; 2 wheel trailer; flat bed trailer; fiberglass feed cart; new air compressor; oil tank w/pump; oil space heater; barn fogger; hyd. cylinders; high pressure steam cleaner; mineral feeder; Int. scraper blade; elec. welder; push pole; wind power 35/20 KW PTO generator; bench grinder; handy man jack; cow clippers.

1967 Yamaha Motorcycle 305CC; 1977 Honda SS 750 (for parts); 3 Chain saws; 14 in. skill saw; 18 in. McCallugh; 20 in. Homelite; ¾ in. drive ratchet set; snap on ratchet set.

Other articles not mentioned

Terms by
JAMES & ARLU ROSS
717-529-6642

J. Everett Kreider Auct.
AU512L

Lunch by Robert Fulton Auxiliary

PUBLIC SALE

OF FARM MACHINERY AND SOME HOUSEHOLD GOODS

Along Maxwell Dr. 6 miles south of Quarryville off Route 222 West at Bethel Church, E. Drumore Twp. Lancaster Co. Penna.

FRIDAY, FEB. 28, 1986

10:30 A.M.

Allis Chalmers 180 diesel tractor w/new rubber; AC-D17 series 111 w/#415 AC loader & hyd. bucket controls; AC-WD 45; AC-WD 45 for parts. AC-4 bottom slat bottom plow 16 in. trip; AC-3 bottom snap coupler plow 16 in. trip; AC-28 disc transport; 9 ft. spring harrow; cultipacker; chisel plow 7 ft. Brillion 3 pt.; rotary hoe; N.H. 717 1 row harvester w/pickup; N.H. Super 23 blower; AC forage wagon; N.H. #7 forage wagon; 25 KW-PTO generator.

New Idea 279 flail chopper
(1 yr. old)

AC-7 ft. side mounted mower; AC-390 haybine; JD 336 baler w/#30 thrower; 3 hay rack wagons 16 ft. long; AC-5 bar rake; Little Giant 34 ft. elevator w/motor; IHC #15 skeleton elevator 24 ft.; 2 Fox 546 forage harvesters (1 for parts); IHC 4 row 400 corn planter; AC-2 row cultivator fits 45; JD 16A flail chopper; New Idea 213 manure spreader w/tailgate; 2 Frey Bros. metal outside feeders; 2-275 gal. fuel tanks (1 w/stand); JD 13 disc drill with seedbox (not new); 2 sets chains 16:9-28, 18:4-28.

New Idea crimper; Weaver line 30 bu. elec. silage cart (new batteries); 4 DeLavel milker pail units; Kesco milk transfer system w/dryer.

App. 30 Ton Ear Corn
App. 16 Ton Alfalfa Hay
20 Ft. Corn Silage In 20 Ft. Silo

Automatic washer & dryer and other household goods; 2 large iron kettles; large copper kettle; sausage stuffer; large set of bolt bins.

Other articles too numerous to mention.

Terms by:
JOE AND DIANE OVERLY

J. Everett Kreider Auct.
AU512L

Lunch Furnished
Household Items Sold First

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

MON. FEB. 24 - Second Annual Consignment Auction of Farm Eq. By Swope & Bashore, Inc., Frystown, PA. Paul E Martin & John D. Stauffer, Aucts.

MON FEB 24 - 10AM Modern Farm Eq., Trucks Between Quakertown & Hellertown, 1 mi. SW of village of Springtown, just off Rt 212, Bucks Co., PA By: Kirkland Farm-thomas Meyer. Ralph W Zettlemoyer Auction Co., Inc

PUBLIC AUCTION

TWO EXCITING EVENTS
HERSHEY MOTOR LODGE & CONVENTION CENTER,
RT. 22-322, HERSHEY, PA.

THURS., EVE. JAN. 16, 1986

AT 7:00 P.M.
PENNSYLVANIA AUCTIONEERS ASSOCIATION
6TH ANNUAL CHAMPIONSHIP BID CALLING CONTEST

COME HEAR! Auctioneers from all across PA compete for a $200.00 First Prize

COME BUY! A large selection of brand new tools and accessories. CASH ONLY, COLLECT AS SOLD!

FRI., EVE. JAN. 17, 1986

AT 7:00 P.M.
FUN AUCTION

COME WATCH auctioneers sell donated items! Antiques, Jewelry, New Merchandise, etc.

COME BUY, All proceeds go to our non-profit association.

BOTH EVENTS ARE FREE TO PUBLIC AND ARE SPONSORED BY PENNSYLVANIA AUCTIONEERS ASSOCIATION. IF YOU LIKE AUCTIONS, YOU'LL LOVE THESE EVENTS!

KERRY PAE AUCTIONEERS
(717)236-3752
AU1367

PUBLIC BANKRUPTCY AUCTION

VALUABLE HORSE BOARDING FARM

MONDAY, JAN. 20, 1986

1:30 P.M.

Located along upper Pine Creek Road Chester Springs Chester County, Pa. From intersection of Routes 100 and 113 at Lionville take Rt. 113 East to Rt. 401, turn right on 401 app. 3/4 miles to upper Pine Creek Road, turn right continue to second place on left.

Real Estate to be offered at the premises free and clear of all liens and encumbrances consisting of approximately 20 acres located in West Pikeland Township, Chester County, Pa. Thereon erected a 80'x200' indoor arena horse care and stable area, with 2 bedroom apartment on second level with livingroom, bath, kitchen and some appliances. Also a 40'x160' horse care and stables. Equipment storage shed. "Note" to the experienced horseman this may be the opportunity you are searching for. The successful bidder will be required to pay 10% down at time of sale in the form of cash, certified check or bank money order or funds satisfactory to the trustee by previous arrangement with trustee.

Auction by order
OF FREDERICK L. REIGLE ESTATE
Trustee in Bankruptcy
(215)779-8000
in RE: Joseph P. Trigona
Case#85-01518

E.M. Murry Associates

10 S. Broad St
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers and Advisors
Since 1953
AU-00648-L

TUES. FEB. 25 - 10AM - Dairy Cows, Mules, Farm Equip. Located 7 mi. South of Strasburg, 2½ mi. East of Quarryville, ¼ mi. North of Rt. 372 along May Post Office Rd. Moses & Lizzie King, owners. Diffenbach's Auct. #225L.

TUES. FEB. 25- Farm Mach. 1½ mis. NE of Intercourse Amos King, Owner. Steve & Steve, Jr., Petersheim, Aucts.

TUES. FEB. 25 - 9:30AM Edwin Horning & Sons Farm Mach. Located Along Meadow Valley Rd., 1½ mis W. of Ephrata, Lanc Co, PA. Horst & Rentzel, Aucts.

WED. FEB 26 - 10AM Farm Mach, 3 Tractors, JD 6600 Combine, Trucks, 20 Beef Cattle Along Rt 287, Jersey Shore, PA. Dr. Donald & Jean Shelley, Owners Fraley Auction Co.

THURS. FEB 27 - 9:30AM Dispersal of High Grade Holsteins, Farm Mach Whitehorse, Lanc. Co., PA. Elam A. & Dora Riehl, Owners. Steve & Steve, Jr., Petersheim, Aucts.

THURS. FEB. 27 - Dairy Herd, Horses, Horse Drawn Farm Mach. & Ear Corn. Located RD1, McAlisterville, PA. Jacob H. & Elizabeth Ann Yoder, Owners. Brian D. Imes, Auct.

THURS. & FRI. FEB 27 & 28 - 9AM Antique Tractors, Engines, New, Used and Abused Farm Mach. Located 10 mis. E. of Lancaster; 2½ mis. W. of New Holland, turn off of Rt. 23 on South Groffdale Rd., turn left on Musser School Rd., Lanc. Co.; PA Terms by Elias S. Beiler Robert E & Jeffrey Martin, 656-7770. Blaine Rentzel & Freddy Goodrich, Aucts

FRI. FEB. 28 - Mostly AC Farm Mach. Located 3 mis. N. of Wakefield, East Drumore Twp. Joe Overly, Owner. J. Everette Kreider, Auct

FRI. FEB. 28 - 9AM Livestock, Machinery & Tools. Located in Mifflin Co. Midway between Reedsville and Belleville, PA, turn off Rt. 655 on Barrville Rd. Josie A. & Dorothy Hostetler, Owners. Mark Glick, Auct.

FRI. FEB. 28 - 10AM Registered & Grade Holstein Dispersal, Horse Drawn Mach. Located just off Rt. 41 between Atglen and Cochranville. John L. Stoltzfus, Owner. Umble & Kurtz, Aucts.

FRI. FEB. 28 - 10AM Dispersal of Grade Holsteins, Farm Mach., Misc. 1 mi. W. of Bartville Store, past elementary school, first farm right. Aquilla & Hannah Riehl, Bartville Rd., Kirkwood. Mel Kolb, Inc., Sale Mgr. Robt. C. Mullendore, Auct.

MARCH

FRI. FEB. 28 & SAT. MAR. 1 - 9AM 16th Annual 2 Day Consignment Sale of Farm Eq. Located Donald Scheese Farm, RD 3, Box 288, Elmer, NJ. Blaine Rentzel & Clyde Wolgemuth, Aucts.

SAT. MAR. 1 - 10AM Farm Mach., 3 Tractors, 20 Beef Cattle. At Potts Grove along Rt. 642 Robert & Carol Layton, Owners Fraley Auction Co.

SAT. MAR. 1 - 11AM, Terms by Henry M. & Elizabeth Martin. Located between Terre Hill & Red Run. East Earl Twp. Lancaster Co. Farm Equipment & Household Goods. Auct. Paul W & Leroy S. Horst.

SAT. MAR. 1 - 9AM 22 Annual Bart Fire Co. Sale, Bart, PA.

SAT. MAR. 1 - Farm Eq. & Tools. Located North of Mt. Airy along W. Girlscout Rd., Lanc. Co., PA. Lester E. & Arlene M. Martin. Paul E Martin & John D. Stauffer, Aucts.

MON. MAR. 3 - Farm Eq. & Tools. Located RD4, Lititz, PA, 3 mis. W. of Ephrata off of 322. Dennis E. & Deena L. Hess, Owners. Paul E. Martin & John D. Stauffer, Aucts.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON. MAR. 3 - 10AM Farm Machinery & Shop Tools. Located in Mifflin Co., 3 mis. SW of Belleville, PA, turn S. off Rt. 655 on Bunker Hill Rd. Chester M. Peachey, Owner. Mark Glick, Auct.

WED. MAR. 5 - 10AM Farm Mach., Hshld., 3 Tractors. 2 mis. SE of Turbotville, PA. Mr. & Mrs. Rohr Enterline. Fraley Auction Co.

THURS. MAR. 6 - Farm Eq. & Related Items. Located 244 Burnt House Rd., Carlisle, PA. Ralph Goodling, Owner Foreman, Auct.

FRI. MAR. 7 - 10AM Horse Sale. New Holland Sales Stables, Inc , New Holland, PA

FRI. MAR. 7 - 9AM Spring Machinery Sale. Located Belleville Lvstk. Mkt., selling all kinds of machinery on consignment. Belleville Livestock Mkt., Inc.

SAT. MAR. 8 - 8:30 AM - 17th Annual Commission Sale by Gordonville Fire Co. Located at the Fire Hall, Gordonville, 10 miles east of Lancaster on Rt. 30. Turn North on Leacock Rd. at Paradise, approx. ½ mile to sale. Household Goods, Farm Equipment, Quilts & Antiques. Ron Funk & Local Auctioneers.

SAT. MAR. 8 - 9AM Fraley's All Day Farm Machinery Consignment Sale. Near Muncy, PA.

SAT. MAR. 8 - 9AM Potato Eq., Farm Eq Trucks & Tractors. Felton, PA. 3 miles South of Red Lion, York Co. Clair Flinchbaugh, Owner. Blaine Rentzel, Auct

SAT. MAR 8 9.30AM Farm Eq & Hshld. Located along Rt 341 midway between Lawn & Deodate, Dauphin Co., PA. Sale by: Carl H. Snavely. Raymond Miller, Auct.

SAT. MAR. 8 - Farm Mach. RD, Carlisle, PA. Galen Byers, Owner. Kling's Auction Service.

SAT. MAR. 8 - 9AM 70 Head Livestock, Dairy Eq., 6 Tractors and Farm Mach Located in Centre Co., 6 mis. S of Bellefonte, PA, on Rt. 550 in Buffalo Run Valley, turn W. (right) at Filmore Church, about 1 mi. to lane on left. C.D. (Joe) Shafranich, Owner. Mark Glick, Auct.

TUES. MAR. 11 - 8:30AM JD Farm Eq. including 5 tractors, Hshld. Located 1 mi S. of Rheems, PA. Sale by: Sara E. Martin. Raymond Miller & Rufus Geib, Aucts.

TUES. MAR. 11 - Farm Eq., Tractor & Horse Drawn of Kirkwood Repair Shop, Cooper Rd., Kirkwood, PA. Consignments accepted Blaine Rentzel & Clyde Wolgemuth, Aucts.

TUES. MAR. 11 - Special Spring Feeder Cattle Consignment Sale. Carlisle Livestock Market, Exit 12 Off I-81, Carlisle, PA. 717-249-4511.

WED. MAR. 12 - All Kinds of Tractors & Farm Eq. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & B. Rentzel, Aucts.

THURS. MAR. 13 - 9:30AM Consignment sale of Tractors & Farm Eq. Messick Farm Eq., Inc., Rheems Exit, Rt. 283, Elizabethtown, PA. Raymond Miler, Auct.

PUBLIC SALE
OF 83 ACRE FARM & EQUIPMENT
SAT., FEB. 1, 1986
10:00 A.M.

Location: In Cumberland County, 10 miles east of Shippensburg, Pa., 2 miles south of Centerville on Pine Rd. From I-81 Newville Exit 11, take Route 233 south to second crossroads, turn right to second farm on left at Beetem Rd. (Watch for signs).

Real estate to be offered at 1:00 p.m. consists of a farm of 83 Acres (more or less) in 2 tracts. All tillable. Tract #1 consists of 64.4 acres with a 2 story house. 5 rooms & bath upstairs. down stairs has 4 rooms & bath, hot water baseboard heat (zoned). Modern kitchen. Closed-in porch & attached garage. All metal roofs. Good well. Bank barn & good adequate out-buildings including a shed & attached 6 stall horse barn. All are in good repair. Tract #2 consists of 18½ acres (more or less). All level land and good productive Murril Lome Soil. Approximately 5500 feet of road frontage. **Terms 10% down, balance on or before April 1, 1986. Detailed terms & conditions will be read at time of Sale. Inspection of house by appointment only by calling (717) 486-5457. Listing of equipment will appear Jan. 25.**

ROBERT L. SPAHR (Owner)
Art. Rife, Auct. #AU-768-L
Ph-776-3645
John Fowler III, Attorney

16th Annual Consignment Sale
Two-Day Public Auction
Donald Scheese Farm
Cohansey-Friesburg Road, R.D. 3, Box 288, Elmer, N.J. 08318

FRIDAY, FEB. 28, 1986 and SATURDAY, MARCH 1, 1986
9 A.M. Sharp

TRACTORS WILL BE SOLD ON FRIDAY

Tractors, combines, trucks, implements - all types of farm equipment.

Receiving equipment up to Feb. 27, 1986. For information call 609-455-3462 or 609-769-4025. Watch for complete listing before sale time.

Auctioneers: Blaine Rentzel
Clyde Wolgemuth
Lunch Available

PUBLIC AUCTION
of
TRACTORS - FARM EQUIPMENT DAIRY EQUIPMENT & HAY
SATURDAY, JAN. 18, 1986
AT 11 A.M.

LOCATION: 4 miles south of St. Georges Bridge turn East off US 13 on to road 420 at Boyds Corner. Go East about 2 miles. 1st farm on right.

Tractors & Combines
White 2-85 Field Boss diesel with 18.4 x 38 tires & roll guard (1423 hrs.); Oliver 1855 diesel w/over/ hydraulic shift, 18.4 x 38 tires (2751 hrs.); Oliver 1800 diesel with 18.4 x 36 tires recently rebuilt; Oliver 770 gas tractor; Oliver 88 gas tractor with #89 loader; Oliver 77 gas tractor; 615 Int. gas combine with 13' cutting bar & 38" corn head.

Hay & Silage Equipment
#273 N.H. hayliner hay baler, Gehl chop-king chopper with 8' grass & 2 row 38" corn & 5' pickup heads, Farm hand hay rake, Gehl 9' hay King #108 haybine, Oliver #82 7' sickle bar mower, Gehl high-throw silage blower with 50' x 8" pipe, 32' single chain hay elevator, 32' Mayrath elevator w/electric motor, 2 Gehl B-U 700 forage wagons, N.H. #8 crop-carrier forage wagon.

Other Equipment
22' Brillion folding field cultivator, #232 Oliver 13' transport disc, 14' Brillion solid wheel packer, 13' Brillion mulcher, Oliver #64 grain drill (17 spout), 4 row Oliver #540 planter, Oliver 5" x 16" semi-mounted plow, Int. 11 tyne 3ph chisel plow, 2 funnel body wagons, 5 flat bed wagons, Century 200 ga. sprayer, #276 Oliver manure spreader, J.D. #34 manure spreader, small Oliver manure spreader, 4 row Oliver mounted cultivator, 4 row 3ph cultivator, 2 section springtooth, 7-six rotary mower, hammermill, barn scales, metal & wooden fence post, 3ph post hole digger, fence chargers, 1956 Chevy truck for parts, 2 electric fuel pumps, misc.

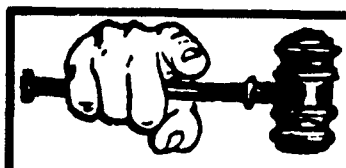
Milking Equipment & Hay
500 gal. Craft bulk mild tank, 8 unit Delaval pump w/5 horse motor, 6 units Delaval milkers w/automatic washer, 260' x 1½" glass pipeline, New 80 gal. Ruud electric hot water heater, S.S. wash vats, 5 ton Unico bulk feed bin, 400 bales mixed clover hay.

Household (To be sold first)
Kitchen Aid portable dish washer, round mahogany table w/pedestal, chairs, stands, wooden rocker, dishes, misc.

TERMS: Cash or Approved Check.

Owners
RICHARD E. & CEAL C. CHAMBERS
Auctioneers & Sales Mgr.
C. T. Scuse & Sons, Inc.
302-653-7530

Lunch



PUBLIC SALE
OF VALUABLE REAL ESTATE
THURS., JAN. 23, 1986
SALE AT 7:00 P.M.

Located ½ Mile West Of New Holland Along Rt. 23, Near Twin Kiss, Lanc. Co., Pa.

ZONED COMMERCIAL

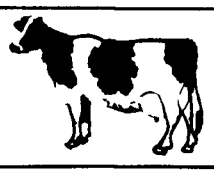
Lot 113 ft. along Rt. 23 extending 320 ft. in depth. Stone ranch type dwelling w/one car garage attached. Kitchen w/built-in cabinets, living room, 3 bedrooms, full bath, full basement w/stone fireplace, well w/pressure system, oil fired hot air heat, electric water heater, water softener, storm windows & doors, insulation in attic & sides, new roof, draperies & curtains, one car concrete garage w/storage above, black-top drive.

OPEN FOR INSPECTION SAT., JAN. 4 & 11 FROM 2:00 TILL 4:00 P.M. OR FOR APPOINTMENT CALL 738-0918.

10% DOWN DAY OF SALE, BALANCE ON OR BEFORE MARCH 1, 1986.

TERMS BY:
JAMES E. & DOROTHY S. WITMER
AUCTIONEERS
ROBERT E. & JEFFREY R. MARTIN
656-7770-AU-000580-L
FRANK L. STELLER,
WENTZ, WEAVER, KLING, ATTY.

NEW HOLLAND SALES STABLES, INC.



12 Miles East of Lancaster, Pa, just off Rt. 23, New Holland,

ADDITIONAL DAIRY SALE CONSIGNMENTS
For
WEDNESDAY, JANUARY 15, 1986
1 LOAD OF TOP CANADIAN PUREBRED AND GRADE HOLSTEIN COWS, CONSIGNED BY LEROY SMUCKER.

Henry Kettering, Pedigrees
For more information to buy or sell
Contact:

Abe Diffenbach	Norman Kolb
717-354-4341	717-397-5538

PUBLIC SALE
SATURDAY, FEBRUARY 15, 1986
9:30 A.M.
REAL ESTATE, LIVESTOCK, FARM EQUIPMENT

Located 20 miles East of Millersburg, 4 miles East of Gratz, 12 miles West of Rt. 81 from exit 34, 1 mile West of Spring Glen along Rt. 25, Lykens-Hickens Valley, Hubley Twp., Schuylkill County, Pa.

104 Acre Farm m/l
80 Head Holstein Dairy Cattle
7 Head Mules
Full Line of Farm and Dairy Equipment
50 Tons Hay
15 Tons Corn
200 Tons Corn Ensilage
100 Tons High Moisture Ground Ear Corn

Sale by
MELVIN E. and RUTH F. STOLTZFUS
Sale at 9:30 A.M. Real Estate at 10:00 A.M.
Possession by April 1, 1986
Diffenbach's Auctioneers 225L
717-393-4464

PUBLIC AUCTION
VALUABLE FOOD LOCKER & RETAIL MARKET PLACE
WED., JANUARY 15, 1986
10:00 A.M.

Located at 13 N. Main St., Manheim Borough, Pa.

REAL ESTATE to be offered at 10:00 A.M. and consists of a lot of ground known as 13 N. Main St., Manheim, Pa. Thereon erected a large food locker and retail market space. Also a nice office space fronting on Main St. Overall square footage 3,600 m/l. Coal fired stoker heat system. Men's & ladies lavatories, locker room over 1,000 sq. ft. 685 lockers. Plant has single & 3-phase elec. service. Inspection Wednesday, January 8 noon til 3 P.M.

EQUIPMENT consists of Butcher Boy band saw mdl. B14F, Pattie machine mdl. #54, 5 sets of plates, Globe slicer gravity feed mdl. 150, scales Kubota computer mdl. LA 30, U.S. Slicing Co. mdl. 405.316 cpy., Fairbanks 1000 lb. platform scale, Fairbanks track scale, 8 ft. retail meat case self-contained, Tech. mdl. 135 cash register, Butcher Boy mdl. TCA32 grinder, 30½x6 galvanized trolleys, upright frozen food case 2 door, lighted 3 ph. compressor, meat cutting blocks, meat stamps, hooks, Toledo tenderizer, utility tables, desk, 3 section sink, locker trays, burglar alarm, fire extinguisher, GE window air conditioner, stainless utility cart, step ladders, all purpose carts, porcelain trays, self service meat case, Ready Rack Dolly. Also numerous items of value not listed.

Auction For
MANHEIM FROZEN FOOD LOCKER
James Clymer, Atty.

E.M. Murry Associates
10 S Broad St
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers, Appraisers and Advisors
Since 1953
AU-00648-L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. MAR. 14 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

FRI MAR. 14 - 5:30PM 60 Tractors, Trucks, Material, Watches. Kempton Community Center, Northern Berks Co. 12 Aucts 215-756-6511.

FRI. MAR. 14 - 1:30PM PA State Graded Feeder Pigs Carlisle Livestock Market, Exit 12 off I-81. 717-249-4511.

SAT. MAR. 15 - 9:30 AM - Farm Eq. Household. 5 Miles west of Brickerville, 5 miles east of Manheim. From red light at Brickerville, go west on Rt. 322 ... on Speedwell Forge Rd. go to Mountain Rd., turn right. Lancaster Co. John N. Reiff, Frank & Paul Snyder, Auctioneers.

SAT. MAR. 15 - Farm Eq. & Related Items Located RD1, Boiling Springs, PA. Estate of Willis (Ike) ...man, Auct

SAT. MAR. 15 - Complete Line of Modern Farm Mach., Feeder Cattle & Hshld. Located at Oakland Mills, Juniata Co. Paul S. & Alma Brubaker, Owners Brian D Imes, Auct.

SAT. MAR. 15 - 8:30AM Consignment Auction Sale. For: Utility & Trans Contrs. Assoc of NJ, Wall Twp., NJ. Vilsmeier Auction Co., Inc.

SAT MAR 15 - Farm Eq., Dairy Cattle, Hshld., & Tools Located 4½ mis. N. of Womelsdorf, ½ mi. off Rt 419 along Parkside Inn Rd. Berks Co. John W. & Gayle D. Eiler, Owners. Paul E. Martin & John D Stauffer, Aucts.

... MAR. 15 - 9AM Farm Mach., Hshld., Produce. 15 mis. N. of Williamsport at Calbert, Lycoming Co. Sale by: Mr. & Mrs. Elwood Loudenslager Fraley Auction Co.

SAT MAR 15 - 9AM Kempton Community Center, Northern Berks Co. Farm Mach., Lumber, Small Items. 12 Aucts 215-756-6511.

TUES MAR 18 - 9AM Dairy Cattle, Farm Mach., Furniture Located in Huntingdon Co., 1 mi. S of Allensville on Rt. 655. George & Anna Hartzler, Owners. Mark Glick, Auct.

WED. MAR. 19 - 3PM Easter Lamb & Goat Auction. At the Belleville Livestock Mkt., Belleville, PA.

THURS. MAR. 20 - Complete Dispersal Modern Farm Mach., Feeder Cattle, Hshld Located RD 1, Richfield, PA. Jacob & Orpha Brubaker, Owners. Brian D. Imes, Auct.

FRI. MAR. 21 - 7PM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

FRI. MAR. 21 - "Special" Spring Easter Lamb & Goat Sale 2PM; Rabbits and Poultry 11AM. Gates open 8AM. Carlisle Livestock Market, Exit 12 off I-81, Carlisle. 717-249-4511.

FRI. MAR. 21 - 9AM Spring Consignment Auction of Mules, Farm Mach., Tools. Located in Centre Co., ¼ mi. W. of Rebersburg, PA, turn S off Rt. 192. Mel Stoltzfus, Owner. Mark Glick, Auct

SAT. MAR. 22 - Farm Eq. & Tools. Located W. of Lancaster, Rt. 30, Centerville Exit, S. to Columbia Ave., turn left first Rd. right on Kready Rd. Aaron J. Brubaker & Gary R. Bender, Owners. Paul E. Martin & John D. Stauffer, Aucts.

SAT. MAR. 22 - Lancaster Farm Toy Auction, Show & Sale: 9AM to 3PM. Auction Starts at 5PM. Located Lancaster Treadway Inn, Rt. 30 & Oregon Pk. (Rt 272), Lancaster, PA. Wally Hooker, Auct.

SAT. MAR. 22 - RD1, Duncannon, PA. Owen Ebersole Estate Kling's Auction Service.

PUBLIC AUCTION

ANTIQUES-HOUSEHOLD GOODS-CAR & 13+ ACRES OF WOODLAND RESIDENTIAL INVESTMENT PROPERTY

SATURDAY, JAN. 18, 1986

9:00 A.M.

LOCATED: R.D. #1 Mt. Wolf, Pa. - Starview - Go on Codorus Furnace Rd. 1 mile, Mt. Hebron Rd. on left, 3 houses on right.

REAL ESTATE

12:30 P.M.

Real Estate consists of 13+ acres of woodland & No Improvements w/road frontage along Jerusalem School Rd., East Manchester Twp., York County, Zoned Residential. This property could be Sub-divided into building lots. This real estate is located off Rt. 24, Sherman St. Extended, north of Mundis Mills, 1st hard road right (Jerusalem School Rd) go approx. 1 mile to hard road on left (Hillview Drive) land starts at Hillview Drive & extends along left side of road to end of guardrail. This Real Estate will be surveyed by seller & a full description will be given sale day. For inspection Ph. 717-764-6412 Daytime or Evenings 717-266-1671.

TERMS: 10% Down Sale Day - Balance in 45 Days.

"SOLD AT SALE LOCATION".

CAR

1:00 P.M.

1984 Dodge Aries - 4 Dr., 9600 mi., AC & stereo (LIKE NEW).

9:00 A.M.

ANTIQUES-GLASSWARE-HOUSEHOLD

Round oak table w/claw feet, 2 oak Bow front china closets, cherry dropleaf table, 3 blanket chests, Victrolla - LIKE NEW (1916), Oak dressers, Oak wash stands, Oak stands, sets of 6 & 4 plank bottom chairs & others, 7 mantle clocks, Oak mirrors, clothes trees, Pineapple poster bed, Oak square extension table, Oak buffet, drop-front desk, 2 childs painted rockers, Oak rockers, cedar lined wardrobe, jewelry boxes, dovetailed boxes, Lewisberry coffee grinder, picture frames, cedar chest, metal wardrobe, Singer electric sewing machine.

Large assortment of glassware, Depression, Carnival, Crystal, & Stemware, kerosene lamps, cut glass, porcelain, old china, Germany, Bavarian, Noritake, French, Flow Blue, Holland, Earthenware, teapots, hand painted figurines, D.F. Stauffer cans & crates, pails, wooden measures, morticed benches, brooms, tins, jars, salt & pepper sets, miniature cast iron items, old doll house & furniture, crocks, pocket watches, pocket knives, baskets, arrow heads, powder horns, Enterprise coffee mill, pictures of old Wrightsville Bridge, brass umbrella stand, 10" wooden R.R. cars, post cards, hand sewn quilts.

Philco 23" colored TV, Kelvinator ref., Kelvinator washer & dryer - LIKE NEW, toaster oven, step stool, electric space heater, Hechinger 8 hp. 5 sp. 30" riding mower electric start (NEW), MTD 7 hp. tractor & mower, power mower, 8' Yard Wind Mill, wooden wheelbarrow, bench grinder, hand tools, bird bath, ladders & step ladders, tubs, buckets, carpenters box, wooden rake, gardening tools, wooden cigar boxes, and etc.

NOTE: This is only a partial list of what we have for sale, we will be finding many more items of interest in preparing for the sale.

TERMS: CASH OR GOOD CHECK.

ESTATE OF KATHERINE HOOVER

Executors: The Drovers & Mechanics Bank
York, Pa.
Attorney: Earl Doll

AUCTIONEERS: Rentzel's Auction Service
Emigsville, Pa.
717-764-6412
Blaine-Nevin-Ed
Lic. #761-1442-1329

PUBLIC AUCTION

45 HOL. DAIRY CATTLE, DAIRY EQUIP., HOGS, ON FARM AT CALVERT, PA.

8 miles NE of Trout Run (Lyc. Co.).

SATURDAY, JAN. 25, 1986

starting 12 noon

45 Holstein Dairy Cattle 45 (8 linebacks) herd consists of 26 milking age including 6 1st calf heifers 5 due sale time 6 fresh in last month 5 due Feb & Mar bal all stages several cows milking in the 70 lb range w/potential to milk more 17 heifers from 2 mths to breeding age including 3 linebacks 2 Bulls 1 breeding age The majority of this 100% home raised herd traces back to Kingpin blood Preg Checked Health Charts **HOGS.** Yearling yorkshire landrace boar & sow coming w/3rd litter 6 40 lb shoats Milkeeper 180 gal bulk tank 4 Surge milker units wash vats elec water heater 18 drinking bowls Stewart 610 & 51 clippers dehorners etc Terms Cash or good check sale day

Conducted by Fraley Auction Co.
Muncy, Pa.
(717)546-6907
AU001194L

Owners — ELWOOD SR. & MARY JANE LOUDENSLAGER

CONSIGNMENT SALE

All Breed & Type of Horses
Tack 9 A.M.
Hay & Straw 12 noon

SATURDAY, JAN. 18, 1986

JERSEY SHORE LIVESTOCK AUCTION
2 miles south of Jersey Shore Rt. 44

For information: 814-349-8760
717-398-2373
717-398-0111

Terms: Cash
Restaurant Open

Owner-
C.W. BIERLY

Harold Fraley-Auctioneer
AU-001194L
Weekly Sale Held Every Thurs. at 4 p.m.

PUBLIC SALE

OF FARM MACHINERY AND BO-MATIC MILKER UNITS FOR PIPELINE

Along Harmony Ridge Road. From Wakefield off Route 222 go west on Furniss Road app. 3 mile to Harmony Ridge Road to sale. 18 mile south of Lancaster, Drumore Twp.

FRIDAY, FEB. 14, 1986

10:30 A.M.

I.H. 1066 Diesel w/Canopy
JD 4000 w/Cab & New Rubber
JD 4010 Overhauled 1 Yr. Ago
JD 3010 Good Rubber Overhauled 2 Yrs. Ago
JD 1530 Newly Overhauled w/JD 48 Loader and Hyd. Bucket
All Above Tractors Are Diesels And In Good Mechanical Condition

IHC 5 bottom 18 in. auto. reset plow; J.D. 4 bottom 16 in. trip bottom plow; Ford 3 bottom 16 in. high clearance plow; IHC 13 ft. chisel plow (No. 55 trailer); Glenco field spring cushion 10 ft. field cultivator; JD 13 ft. 6 in. BWF disc (transport); JD 10 ft. cultimulcher; 2 Chatanooga cultipackers 11 & 12 ft.; Case 9 ft. offset disc; JD #10 side mounted mower; JD #5 mower; JD 700 Grinder Mixer; New Holland 479 haybine; MC 7 ft. rotary scythe; New Holland 276 baler w/thrower; JD 640 hayrake w/front wheel; Mayrath PTO 32 ft. elevator; short elevator PTO; 1 hay rack wagon; 1 flat wagon; 3 pt. big round bale fork.

IHC 6 Row 400 Air Planter w/Monitor

New Idea 325 2 row narrow picker; 2 J & M bin wagons; IHC 4 row rear mount cultivator 3 pt.; JD 3800 forage harvester w/2 row narrow head & hay pickup & high moisture corn attachment; 2 JD 214 forage wagons; 1-115 wagon; AC silage blower w/haylage attachment; Stauffer transplanter for tobacco & tomatoes; 2 row tobacco hoer; JD 44 manure spreader; JD 16A flail chopper; JD 8 ft. angular snow plow; JD 15 disc FBB drill hyd. lift; Easy-Flo fertilizer drill w/seed att.; post hole digger; field sprayer 300 gal. fiberglass tank; small elevator; tractor chains; front weights for IH; Many JD Coulters; 16 ft. hay rack w/metal sides.

Dairy Equipment

5 Surge Milker Pails; 6 complete Bo-Matic milker units for pipeline or parlor; elec. driven dumping station; milk strainers & buckets; feed cart; artificial breeders tank; bray breeding board; wagon load of small items not mentioned.

Terms by
ROBERT & MARGUERITE McCAULEY
717-548-2771
J. Everett Kreider Auct.
AU512L
Lunch by Robert Fulton Auxiliary

PUBLIC AUCTION

TRUCKS - PLUMBING SUPPLIES - FORK LIFTS & CONTRACTORS TOOLS

WAYNE A. HOWE INC.

WEDNESDAY, JANUARY 15, 1986

9:30 A.M.

Located: Off Interstate 83, Exit 11 north of York, Pa., go west to Rt. 295, turn right, go ½ mile to farm Brook Lane on left, 1st large building on left.

FORK LIFTS - RADIOS & TRUCKS 1:00 P.M.

1 - 1981 G.M.C. Brigadeir w/3208 Cat Diesel, 20 ft. Flat Bed w/Hydraulic tail gate - 48,000 miles; 3 - 1983 G.M.C. 515 Pick-up Trucks w/utility bodys & pipe racks, 6 cy. - automatic & radios; 1 - 1981 AMC Spirit; 2 - Storage Trailers; Motorola Maxar 80 Radio System Complete w/11 mobiles - 6 Hand Held - 2 Base Remotes - 1-4 Channel Base w/Scan, Ant. & Misc; Clark 4000 lb. Model C500-45 Fork Lift - Propane; Towmotor 2000 lb. Model 390 FM Fork Lift - Propane; Hobart Diesel Welder-Model DCC 353P - 350 AMP - 850 Hrs.; Hobart Mig & Flex - Model 450RUS - 450 AMP w/Wire Feed; Linde V1 - 206 Wire Feed Welder; Hobart Silverline ST 295 Stick Welder; Cobra Matic Mig. Attachment; Misc. Welding Supplies & Leads; Acetylene Torches; ESTIMATION Computer System.

OFFICE

LIKE NEW CHERRY Executive Office Furniture. 3 - Wooden Desks w/glass top; 3 - File Cabinets; 1 - Coffee Table; 1 - Wooden Credenza; 2 - Upholstered Love Seats; 3 - Upholstered Executive Chairs; 1 - Wooden Cherry 9' Executive Hutch; 3 - Sec. Wall Cabinets; 4 - End Tables; 1 - Wooden Conference Table w/Glass Top; 6 - Upholstered Chairs; 1 - Upholstered Secretary Chairs; Calculators, Electric Typewriters, Smoke & Burglar Alarms, Apeco Copier, Etc.

MACHINE & TOOLS

Goodall Parts Washer; E215 Groov Master Insulation Machine; 4 Wheel Doilies; 20' Chains & Binders; B & D Electric Cut-off Saw; GE Vacuum Pump; Hard Hats; 3 - B&D Hand Held Cut-off Saws; Complete Set Pipe Dies; Ridge 300 Power Vise; Pallet Racks w/Bars; Nylon Cargo Ratchet Straps; Gang Boxes & Misc Tool Boxes; Metal Scaffolding; Saw Horses; Solder Pot; Stihl 2 Cycle Cut-off Saw; Ladders; 24" to 48" Ridge Pipe Wrenches; Ridge And Pipe Threader; Drain Snakes; Marathon Stationary Cut-off Saw; Bernard 3500SS Air Cooler; Misc. Trk Parts & Filters; 1-pr 11x22.5 Goodyear Truck Tires.

SUPPLIES

Cast Iron Pipe 4" to 10"; Floor Drains & Traps; Lg. Quantity PVC Pipe & Fittings; Lg. Qty. Copper Fittings ½" to 4'; Rolls Copper Pipe; Victaulic Pressure Fittings; Brass Fittings; American Standard Closet Tanks; Trane Gas Valves; new Cast Iron A/S Bath Tub; AD Smith Electric Water Heater; A/C Parts & Tools; Cast Iron Fittings; Pipe Hanger Straps; Lg. Qty. Steel Pipe Ftgs. ¼" to 4; Full Lengths Copper Pipe ½" to 4'; Water Pipe Insulation; Bolts & Bolt Bins; New Faucet Sets & Sink Drains; Aprilaire Humidifier; 1 & 3 ph. Electric mtrs ; S/S Sinks; (4) Loren Cook Roof Air Fans - NEW; Lg. Qty. Flexible Duct Insulation; Various Size Stove Pipe Single & Double Walled - Adelta Misc. Sheet Metal; Duct Work & Vents - Conduit, Wire, Guages, Switches, Relays, Large Qty of Metal Shelving of various sizes & many items too numerous to mention

AUTIONEER'S NOTE: TITLE VEHICLES WILL BE SOLD WITH TITLE ATTACHED SALE DAY.

TERMS: Cash or Good Check - Full Settlement Sale Day.

WAYNE A. HOWE INC. MECH. CONTR.
600 Farm Brook Lane
York, Pa.
717-845-2725

AUCTIONEER: RENTZEL'S AUCTION SERVICE
Emigsville, Pa.
717-764-6412
Lic. #761-L

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. MAR. 22 - Farm Mach. & Related Items. Located 6 mis. S. of Richfield, & off Rt. 104, PA Elwood Flowers, Owner Brian D. Imes, Auct.

SAT. MAR. 22 - 11AM James M. Brubaker Farm Implements. Located Chestnut Hill Rd., East Cocalico Twp., PA. Paul & LeRoy Horst, Aucts.

MON. MAR. 24 - Farm Eq. Located North Groffdale Rd., Loela, PA. M.M. Weaver & Son Owners. Paul E. Martin & John D. Stauffer, Aucts.

MON. MAR. 24 - Farm Eq. & 3 Tractors. Ronald M. Carper, R1, Manheim, PA. Along Landisville Rd , just W. of Rt 72 in E. Petersburg on Graystone Rd to Landisvally, PA Wolgemuth Auction Service.

TUES. MAR 25 - Special Spring Feeder Cattle Consignment Sale Carlisle Livestock Market, Exit 12 Off I-81, Carlisle, PA. 717-249-4511.

SAT MAR. 29 - Full line of Farm Mach. Pine Grove, Schuylkill Co., PA. Paul Martin, Owner. Steve & Steve, Jr., Petersheim, Aucts.

GAP AUCTION
FRIDAY EVE., JAN. 17
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

Selling for Esther Groff of Kinzer.

Nice oak dining room suite, treddle sewing machine, sectional bookcase, old kitchen cabinet, ferneries, drop leaf tables, oak chifferobe with mirror, sofas, depression bedroom suite, recliner, file cabinet, refrigerator, automatic washer & dryer and other furniture, old wicker picnic set, dishes, glassware, and collectables.

CONSIGNMENTS ON MONDAYS
FROM 8:00 A.M. to 7:00 P.M.

IRA STOLTZFUS & SONS, Auctioneers
442-4936 or 442-8254
AU000907-L
CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC AUCTION

TUESDAY
FEBRUARY 18, 1986
10:30 A.M.

ISAAC W. PATCHES ESTATE
CROSS ROADS FARM

LOCATION: Corner of Zinns Mill Road and S Lincoln Ave Route 7 Lebanon Lebanon County Pa From route 72 south of Lebanon turn east on Rocherty Rd towards VA Hospital Cross Cornwall Rd onto Evergreen Rd and turn right onto S Lincoln Ave at Evergreen Tractor Co and proceed to property at cross road

REAL ESTATE

A highly productive 97 appx acre farm with the following improvements

HOUSE: 2½ story frame with 1st floor having a kitchen parlor living room bath and laundry 2nd floor has 4 bedrooms and full bath Other particulars include attic basement enclosed porch and attached 1½ story summer house with butcher furnace and storage area Home has oil heat drilled well and on lot sewerage

BARN: Large frame bank barn with 2 drive in top bays and 2 end mows Lower level has individual stables Attached to east end of barn is 2 story storage shed Small tile silo and underground cellar Rear of barn has 2 story attached 1 car garage Other buildings include a large corn and machinery shed small chicken house and tool shed Electric and water to all necessary buildings Macadem driveway and fenced barnyard

CROPLAND: Appx 94 acres of farm in high state of cultivation with 24 acres sowed in wheat Farm is intersected by 2 highways and has appx 4000 of railroad frontage

Real estate to be offered at 1 00 10% deposit auction day with the balance due upon settlement Inspection by calling the Trust Department at (717) 274 6864 For a farm in a great Lebanon County location with a good set of buildings plan to inspect this property

Also selling will be farm machinery and related items Antiques and household goods to be sold on Saturday February 15 at 9 30 A M

HARRY H BACHMAN-Auctioneer
(717) 867-1809 AU-000033 L
George Christianson-Attorney 273-1651

AUCTION BY
Lebanon Valley National Bank
Executors (717) 274-6864

Food by Midway Church of the Brethren

CONSIGNMENT HORSE SALE

SPECIAL DRAFT & DRIVING HORSES
Also
RIDING & SLAUGHTER HORSES

SATURDAY, JAN. 25, 1986

Horses 10:30 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

Loads of Draft Horses
Loads of Sharp Standardbred Driving Horses
Work Horses Young Well Matched Teams

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA

Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers

Terms: Cash Trucking Available Restaurant Open

Horse Sale Last Saturday Of Every Month

Dairy and Livestock Sales

GOOD'S AUCTION

111 N. Maple Ave. Leola, Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon
Business Hours: 7:30 to 5:30,
Closed Sat. & Sun.

SECOND ANNUAL CONSIGNMENT AUCTION

By Swope & Bashore, Inc.,
Frystown, PA

MON., FEB. 24, 1986

Farmers consign your un-needed equipment. To have it advertised call Larry Herr, 717-273-0681 before Feb. 4th.

Aucts.:
Paul E. Martin AU-001601-L
John D. Stauffer AU-001509-L

334th SPECIAL GUERNSEY SALE

SELLING APPROXIMATELY 70 REGISTERED GUERNSEYS

THURSDAY, JANUARY 23, 1986
--12:30 P.M.

At The Guernsey Sales Pavilion, 6 miles East of Lancaster, PA on Route #30

Pavilion Barn Phone (717)392-9560
Pavilion Office Phone (717)394-2721

SALES HEADQUARTERS: MILL STREAM MOTOR LODGE-
(717)299-0931
(Located 1 mile North of Sales Pavilion)

The January Sale has traditionally featured young cows and bred heifers, fresh or springing, and this sale is no exception

Watch next weeks AD for additional information on sale consignments. Call or write Sale Managers for catalog and additional information.

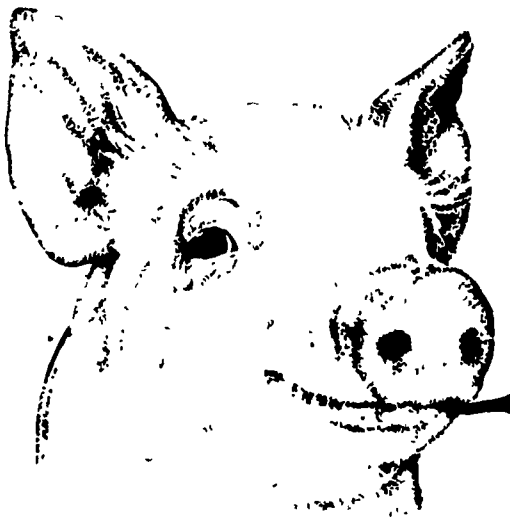
SALE MANAGED BY:

PA GUERNSEY BREEDERS' ASSOC.
Lee Yost and Ruth Ann John
5417 Manheim Rd.
Waynesboro, PA 17268
PH: (717)762-3301

THE MERRYMAN COMPANY
John B. Merryman, Auctioneer
PO Box 566
Sparks, MD 21152
PH: (301)771-4625
AU-000599-L

PENNSYLVANIA ALL BREED BRED GILT SALE

Farm Show Bldg. - Harrisburg, Pa.
Small Arena
Sale Arena Phone (717) 787-4160



Catalogues Available At Farm Show Or By Request Only From Harry Bachman 138 College Ave. Annville, Pa. 17003

SALE SCHEDULE

MONDAY, JANUARY 13, 1986		TUESDAY, JANUARY 14, 1986	
10:00	Landrace	10:00	Berkshires
12:00	Yorkshire	12:00	Duroc
2:00	Spotted	2:00	Hampshire

Swine Open Show
Sat., Jan. 11
9 A.M.

MAY BE REMOVED FOLLOWING SALE WHEN SETTLEMENT MADE

Auctioneer
HARRY BACHMAN
138 College Ave., Annville, PA 17003
Tel. 717-867-1809

PA. CO-OP SWINE BREEDERS ASSN.

2 COMPLETE MILKING HERD & BRED HEIFER DISPERSAL
Reg & Grades

To be held at Smoketown Quality Dairy Sales Smoketown, Pa., Rte. 340, 5 miles east of Lancaster, 5 miles east of Intercourse, Pa.

THURSDAY, JAN. 23, 1986

Herd Dispersal For Kevin Graber
Cochranville, PA.

Calf's to yearlings cows Avg. 50 lbs. 3.6%- Most cows VACC- Heifers Calfhood VACC - T.B. & Blood Tested in 30 Days.
Reg. Astronaut 82 pts.- 17,796m. 608F
3 Daughs. selling.
Reg Conductor Daugh. V.G 87 pts.
2 yr. 1m. 305d. 17,370m 3.6% 618F
Reg. 2 yr. Lime Hollow Elevation Mars- Just fresh
Reg. Yearling by Dairyman.
Reg. Astronaut V.G. 87- 2 yr. 3m. 13,179m. 4.5% 596
Reg. 2 yr. Bootmaker- Bred to Grand Fortune.
DAM-88 pt. Elevation
5-11 305d. 24,867m. 3.5% 870F.
Valiant daugh. sells.
3 DAMS all V.G. potential 5th generation V.G
Reg. Astronaut-EX MAMMARY 2 yr.-13,000m. 4.5% Bred to Stewart
Reg 2 yr. C Tamlane Rockman Senator- 17,000m Records over 20,000 EX DAM
Reg. GAY Ideal proj. 15,000m.
Reg Proud Performer- 14,000 & 15,000m 4.3-4 4%- Bred to Wiseman
Reg. Creek Bluff Elevation Lester- G.P. 82
2 yr 16,000m
Reg Jemini-proj 20,200-Due May.
Reg. Valiant with Daugh by Columbus.
Grade Chairman Just Fresh 60 lbs
Grade Heifer- DAM- 82 pt Elevation 20,000

Herd Disperal For Grace Kunkel
Berks Co. PA

Herd being sold due to death in family 1985 DHIA Herd Avg 15,282m 3.4% 3.2 protein 522F 53 5m Av Calving Interval 13.1.
All Home raised-

4 Due Jan
2 Due Feb.
3 Due June
3 Due Aug.

3 Due Sept.
1 Fresh Oct
2 Fresh Nov.
2 Fresh Dec.

5 cows just fresh- Average Age - 4 yr. 8 mo.

BeBe-	2- 6	305	15,946m	3.5%	559F.	460 protein
June-	3-11	305	16,707m	3.4%	575F.	541 protein
Bambie-	2-10	305	14,830m	3.8%	560F	482 protein
Phoebe-	3- 3	305	16,930m	3.7%	627F	482 protein
Peggy-	4- 3	305	17,057m	3.6%	621F	583 protein
Amy-	2-11	305	13,444m	4.0%	536F	489 protein
Tara-	2- 3	305	14,330m	4.2%	597F	500 protein
Loni	2- 9	305	16,342m		530F	518 protein

Sired and Bred by Select Sire Sire Power and Atlantic

5 Fancy Registered Bred Heifer's From
Paul Daniels Dispersal
Bucks Co. PA.

ALL VACC. Bred to Crooked Acres Cavalier Andy- From out of a Herd with over 19,000m
Reg.-Sire-El-A-Ray Valiant Defiance (Granddaughter SWD Valiant), ET- Born 9-25-83
DAM Alinda Penstar- 2 yr. 2m, 275d. 14,794m. 504F
Grandam- Apollo Rocket.
3 yr. 6m. 305d 21,100m. 614F
5 yr 1m. 305d 18,206m. 562F
Reg.-Sire-Born 10-13-83-Singing-Brook Starmate (Grandaughter of Roybrook Starlite), potential V.G.
DAM-Stonypath Apollo Jupiter-80-6 yr
4 yr. 1m. 286d. 16,730m. 3.8% 631F
5 yr. 0m. 286d. 16,370m. 3.8% 617F.
6 yr. 1m. 291d. 17,370m. 3.8% 654F
7 yr. 0m. 305d. 19,150m. 3.8% 730F.
With a Heifer Calf by Crooked Acres Andy.
Reg.-Sire-Killdee Astrochief Wiseman (Grandaughter of. Pawnee Farm Arlinda Chief), Born-11-19-83.
DAM-Penstate Ivanhoe Star
3 yr. 0m. 305d. 16,770m. 3.8% 629F
4 yr. 3m 305d. 21,790m. 3.5% 756F
5 yr. 3m. 289d. 19,310m. 3.9% 744F.
6 yr. 3m. 305d 21,530m. 3.9% 835F.
Next DAM- 3 records over 16,000m. up to 3.8% 611F
Bred to Crooked Acres Cavalier Andy.
Reg.-Sire-Lawcrest Magnet (Grandaughter of SWD Valiant), Born 11-24-83
DAM-83-4 yr. Rosemere Fury Ivan.
3 yr. 2m. 299d. 17,150m 4.4% 756F
4 yr. 2m. 305d 16,700m. 4.3% 724F.
5 yr. 3m 313d. 18,269m. 4.4% 806F.
With a Heifer Calf by Crooked Acres Cavalier Andy
Reg.-Sire-Pack-Herd Bunky Bou (Grandaughter of Milu Betty Ivanhoe Chief), Born 11-25-83.
DAM-Keho Eric.
2 yr. 1m. 279d. 13,418m. 3.6%.
Bred to Crooked Acres Cavalier Andy

Reg. Maternal Sister's.
Reg.-Sire-Will-Tri Evans Legancy- Born 9-3-80
Fresh 12-25-85.
Prer-Lactation.
293d. 16,289m. 4.1% 665F
Reg.-Sire-Wagnerscrest Ivanhoe Astronaut-G.P. 81
Fresh 12-28-85.
305d. 13,403m. 4.2% 568F
Reg.-Sire-SWD Valiant-Born 4-3-81.
Due 1-30-86 to Greenledge Segis Chief Ned
2 yr. 0m. 305d. 16,555m. 4.7% 770F
3 yr. 0m. 305d. 18,318m. 4.6% 849F
Reg.-Sire-Tullando Elevation Sky-Born 2-15-84
Due Jan. to Lucky-Royal Star Admiral
DAM-Penn Springs Raggedy Andy
3 yr 2m. 360d 16,950m 3.7% 633F
2 yr 1m 360d 18,600m 3.4% 630F

Reg -Sire-Born 11-25-83-Carlin-M-Ivanhoe Bell
DAM-Milestone-G.P. 83.
4 yr. 4m 225d. 16,550m 3.6% 598F Inc
3 yr 2m. 300d 14,990m. 3.7% 554F
2 yr. 2m. 302d. 15,150m. 491F.
With Heifer Calf by Rustic-View Glendell Paco
Reg.-Sire-Sharmike Lindy George- Born-2-15-83
Due Jan. to Marshfield Elevation Tony
DAM-Perfection Daugh
Records from 20,410m. up to 25,550m. 844F.
Reg.-Sire-Glen-Cal Matchless Monitor-Born 4-7-82
DAM-V.G. 85 4 yr. 280d. 17,942m. 633F.
5 yr. 305d. 18,881m. 642F.
Reg.-Sire-I-O-State Chief Ford-Born 11-26-83-VACC
DAM-Producers Skylark Comet.
3 yr 11m. 305d. 20,779m. 3.8% 788F.
Heifer Calf Selling by K-Way Apostle Ty Vic from 20,000 lb. Herd.
Reg.-2 yr. old Grand Fortune Dght.
Fresh 12-28-85-DAM-5 yr. 22,615m. 4.0% 912F. V.G 87.
2nd DAM V.G. 86-3rd DAM-EX4E91-3 sons in studs.
Reg.-2 yr. old Chairman-Fresh 1-1-86.
DAM G.P. 82-21,227m. 640F.
Reg.-Paclamar Astronaut-Born-8-19-80-VACC. 80 pts. 4 yr
Fresh 11-25-85 1st test 12-18-85 61.1 lbs. 5.3% 3.3% Pro.
Last Lac. peaked at 90 lbs.
2 yr. 1m. 305d. 12,340m. 3.8% 466F.
3 yr. 3m. 305d. 14,590m. 3.8% 559F.
DAM-Vigo Standout Reflection V.G. 85 pts. 5 yr. Grdam V G 87
Records over 17,000-18,000-19,000 & 20,000.
Reg.-Kingway Elevation Very-Born 5-21-82. V.G 85 2 yr
2 yr. 6m. 285d. 14,070m. 3.8% 530F.
Fresh 11-16-85-70 lbs.
DAM-Penmar Apollo Topper-G.P. 81-3 yr
2 yr. 0m. 298d. 14,010m. 3.9% 546F
2 yr. 11m. 305d. 18,770m. 3.5% 663F.

4 Grade Cows 1 Heifer From Dick Lefever's Dispersal

Grade Sire Apache-Born-1-13-80-2 records over 15,000m.
Due Jan 23-86-to-Singing Brook Starmate
DAM-Rocket Daugh.
Grade Sire Eric-Born-3-80-over 16,000m
Due Jan. 20-to MilNor Design.
DAM-Moo Know-305-17,000m.
Grade-Sire-Shade Acres Apple Ideal-Born-8-81-16,000m
Due Feb. 6-to Wake Hill Hotstuff.
DAM-Rocket Daught.
Grade-Sire-Boss-Born-6-80-15,000m.
Due Feb. 8 to Packherd Chairman Berth.
DAM-Moo Know-16,800m.
Grade Heifer-Sire-Adam.
Due 1-26 to Angus.
DAM-Standout Daugh 18,000m milked 90 lbs

Grade-3 yr. old Kingstead Elevation Matador
Due 3-7-86 to S.B Country Boy
2 yr. 16,287m 618F
DAM-Quanty Ulamate-over 20,000m

Cows Milked At Regular Times
Cash Or Good Check Day Of Sale
Carl Diller--Paul Snyder
Auctioneers AU000873-L

Sale managed by
SMOKETOWN QUALITY DAIRY SALES
Gordon & Helen Fritz
(717)-393-0930

Catalogs Day of Sale

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT MAR. 29 - Farm Eq , Hshld Goods & Antiques Located along Panorama Drive, Lanc Co , Brecknock Twp Take 625 N to end of town, turn left on Lauschtown Rd , go 1 mi to Panorama Drive, turn right, go past Stauffer Fruit Farm, 1st farm on left Amos Musser, Owner LeRoy S Horst & Paul W Horst Aucts.

SAT. MAR. 29 - Full Line of Modern Farm Machinery Located W of Lititz at 795 W Lexington Rd Sale by Paul T & Vera E Good Paul E. Martin & John D Stauffer, Aucts.

APRIL

FRI. APR. 4 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

FRI. APR. 4 - Modern Farm Mach. Located RD2, Mt Pleasant Mills, PA Mrs M. Annette (Robert C) Goodling, Owner Brian D. Imes Auct

SAT APR 5 - Feeder Cattle & Feeder Pigs, Horse Drawn Farm Mach , Hshld Located RD1, Port Trevorton, PA Eli & Elizabeth Miller, Owners Brian D Imes, Auct

TUES APR. 8 - 7PM Feeder Pig Show & Sale New Holland Sales Stables, Inc , New Holland, PA.

TUES APR 8 - Special Spring Feeder Cattle Consignment Sale Carlisle Livestock Market, Exit 12 Off I-81, Carlisle, PA. 717-249-4511.

FRI. APR. 11 - 7PM Horse Sale New Holland Sales Stables, Inc., New Holland, PA.

FRI. APR. 11 - 1:30PM PA State Graded Feeder Pigs Carlisle Livestock Market, Exit 12 off I-81 717-249-4511

SAT. APR 12 - Modern Farm Mach. Located RD2, Mifflintown, PA. Richard Hackenberger, Owner Brian D Imes, Auct

SAT APR 12 - 9AM C H Wolgemuth & Sons Annual All Day Consignment Sale Four mls W of Manheim, along Valley Rd , 10 minutes from Rt 283 at Manheim/Mt Joy Exit Lanc Co , PA

SAT APR 19 - Arnold's 41st Hog Sale Breeding Hogs & Project Pigs. Located Lebanon Fairgrounds, Lebanon, PA. Harry Bachman, Auct.

TUES. APR. 22 - Special Spring Feeder Cattle Sale. Carlisle Livestock Market, Exit 12 Off I-81, Carlisle, PA. 717-249-4511.

WED. APR. 23 - All Kinds of Tractors & Farm Eq. Keener Eq , Inc , 1531 Manheim Pk., Lancaster, PA C.H. Wolgemuth & B Rentzel, Aucts.

FRI. APR. 25 - 9AM Farm Eq New Holland Sales Stables, Inc , New Holland, PA

MAY

TUES MAY 6 - Special Spring Feeder Cattle Consignment Sale Carlisle Livestock Market, Exit 12 Off I-81, Carlisle, PA. 717-249-4511

FRI. MAY 9 - 1:30PM PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 off I-81 717-249-4511

MON MAY 26 - Antique Tractors & Farm Eq Keener Eq , Inc , 1531 Manheim Pk , Lancaster, PA C.H. Wolgemuth & B Rentzel, Aucts

Dairy and Livestock Sales

AUCTIONS

JANUARY 22ND - 11:00 a.m. 21 ACRES in Goochland County (Rock Castle Area), Hog Farrowing/Finishing Barn & Lagoon, Tenant House, Machine Shed. Grain Bins and Elevator Sell Separately William L and Sandra Hicks, Owner

JANUARY 25TH - Farm Equipment to be moved to Bowis Equipment in Tappahannock for the sale Including JD 4040 and 2640 Tractors, Tree Farmer C5 Log Skidder, JD 18-spout 8000 Grain Drill, JD 7000 4 row Planter Conservation, AC 8-row Planter w/Herbicide 600 Boxes, AC Offset 3100 Disc, Int. 510 Grain Drill, 16-spout Brillion 12 ft Cultipacker, JD 709 Bush Hog, AC Mono Frame 6-16 Plow, AC 17½' Field Cultivator and Other Misc. Items. Sale Conducted on Behalf of Richmond PCA

JANUARY 31ST - 122 Fresh and Close Springing Holstein Heifers- 103 REGISTERED - The Fresh Heifers on December Test Milked from 50 to 80 lbs. Also Selling Two Service-Age Bulls, Featuring 18-mo.-old son of Valiant and Shadowcliff RA Gina, EX-97. Sale at "The Udder Place", Redfield Farm,. Inc., Amelia, Virginia.

FEBRUARY 21ST - COMPLETE DISPERSAL-226 HOLSTEINS AND GUERNSEYS. E. Lyle Clark, Jr., Stuart, Va.-77 Holstein Cows (50% Registered), Rolling Herd Average 17,877m 612f 30 Registered Guernseys, Rolling Herd Average 13,908m 4 6% 637f- Consistently One of the Highest Producing Herds in Virginia 119 Heifers, All Ages, Both Breeds. VIRGINIA MILK BASE - 93,459 LBS winter

804-644-LAND
OWNBY AUCTION & REALTY CO., INC.
BROOK ROAD RICHMOND VIRGINIA

DEALER IN ALL KINDS OF LIVESTOCK

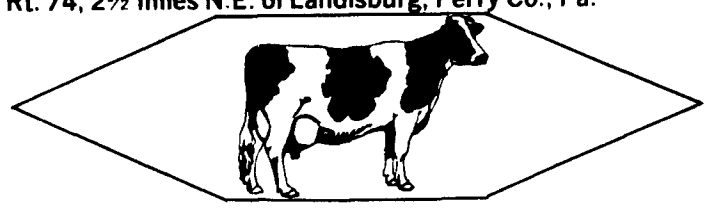
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH 717-786-3016

DAIRY COW SALE

FRIDAY, JANUARY 24, 1986 -12:00 NOON

Selling at Kling's Sale Barn, located 15 miles N. of Carlisle, Pa., on Rt. 74, 2½ miles N.E. of Landisburg, Perry Co., Pa.



60 HOLSTEINS 60

Load of Canadian fresh & close registered & grade Cows & 1st-calf Heifers
Several Top Individuals.
Load of Cortland Co. New York Cows - Mostly registered - all fresh
Several Good fresh 1st-calf Heifers from local farmers
Other Consignments
All Cattle vaccinated for Shipping Fever & I.B.R.
Health Charts on All Animals.
Catalogs Day of Sale

V. ART KLING
R.D. 1, Landisburg, Pa.
717-789-3883 Lic #500

AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your ad vertisement by 4 P M Tuesday of each week's publication

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MR. AND MRS. LLOYD DRAKE
COMPLETE FARM DISPERSAL

SATURDAY, JAN. 18, 11:00 A.M.

JASPER, STEUBEN COUNTY, NEW YORK

Sale at the farm along Rte. 36, app. 3 miles north of the intersection of Rtes. 36 and 417 at Jasper; app. 13 miles south of Canisteo, NY.

Discontinuing farming, selling will be:
100 head black and white and colored dairy cattle: 42 mature cows of year around freshening; 9 bred heifers; 18 open yearlings; 27 heifer calves; 3 bull calves; and an 18 mo. old 2/3 Swiss service bull. All cattle innoculated against shipping fever; necessary animals pregnancy examined; Cows and Bred heifers ready for immediate interstate shipment.

Machinery: Nice M.F. 285 diesel, 18.4-34 rubber, 3 pt. hitch, 1691 hrs.; M.F. 4-16 full mount plow; M.F. "135 diesel", 16.9-24 rubber, 3103 hrs.; M.F. "65 gas", 13.6-38 rubber, 3 pt. hitch; Farmall "Super MTA", w f.e.; Ferguson "TO-20" for parts; N.H. 273 ejector baler; N.H. 469 haybine; N.I. 5-wheel rake; 3 kicker wagons; 24 ft. bale-grain elevator; I.H. 56 blower; A.C. 780 chopper with hay pick-up and 2-row corn heads; N.H. M-6 chain unload, self unloading wagon; Lamco 3 beater s.u. wagon; I.H. 2-row pull type corn planter; Ontario hoe drill; Century 300 gal. poly tank, boom type, trailer sprayer; Glenco 14 ft. field cultivator; Dunham 10 ft. cultipacker; 16 and 12 ft harrows; 3 pt. scraper blade; 4 in. auger; Heavy duty platform scale; Real Nice B.O.C.E.S built 3 pt. wood splitter; Set of 38 in. double ring chains.

Dairy and Barn Equipment and Produce: Good N.H 518 spreader with pintle chain and hyd. end gate; Winco 1800 watt, p t.o., generator on trailer; New 24 ft. Clover single chain feed elevator; 40 ft bunk feeder-elevator; Nice Farmec 50 ft. mow conveyor; Zero 500 gal. bulk tank; Zero 1½ in. complete pipeline system with 3 milker units and short line (app. 50 ft) s.s. pipe; s.s. double wash vat; Zero vacuum pump with 3 h.p. motor; Universal small capacity vacuum pump; Copelametic compressor; Extra agitator motor and bulk tank washer; Zero 500 gal. bulk tank for storage only; 10 ft steel gate; stock water tank; barn fan; App. 20 ft. corn ensilage in 20x50 silo; App 800 bales this years mixed hay in 2 lots, Also selling 4 open ewe sheep!

Prior inspection and inquiries invited!

Terms: Cash or honorable check day of auction! Proper I.D. required!

Owned by
LLOYD AND CHERYL DRAKE
607-792-3622

Auction conducted by
PIRRUNG AUCTIONEERS, INC
Wayland, New York 716-728-2520

Lunch Available!

PUBLIC AUCTION

FARM MACHINERY, 70 HOL. DAIRY CATTLE, HAY & STRAW, DAIRY EQUIP. ETC.

on farm 4 miles S of Catawissa, Pa. Auction arrows off Rt. 42 near Abraczinska Farm Equip. (Col. Co.).

TUESDAY, JAN. 21, 1986
starting 11 AM

Farm Machinery: MM 950G diesel tractor, wfe, 3 pth 18.4-38" rubber-recently rebuilt; MF 65D utility tractor; Bobcat 520 gas skid-steer loader; NH 278 pto thrower baler; IH 990 haybine; MF 3 pth (4) wheel rake; Papec 180 forage harvester w/2 row wide & pickup heads; NH 519 pto manure spreader; MF 4-16" trailer plows; JD 10' transport disc; JD 494A corn planter; Case 4 row 3 pth cultivator; Century 300 gal. 10 row sprayer; Dion & Badger 16' 3 beater SU forage wagons; 18' thrower wagon; Fox pto blower; NH 30' AF elevator; fertilizer spreader; 72 chevy truck; 77 Dodge car; power band hacksaw; Lincoln 225 welder; 5/8" drill press, wagon load small items; etc. etc. **DAIRY EQUIP:** Delaval 2" SS pipeline for 30 stalls w/4 Flo-view units; 3 hp vacuum pump; Universal milk weight meter; Dunham-Borg 3 hp cooling compressor; 80 gal elec water heater, dehorners; wash vats; headgate; loading chute; 9 calf hutches; etc App. 1200 bales **oats straw** in 2 lots; 400 bales Alfalfa mixed hay in 2 lots; **70 HOLSTEIN DAIRY CATTLE 70** 3-Reg.-67 grades 2 Jersey-1 Red & White Herd consists of 35 milking age including 10 1st & 2nd calf, 8 fresh Dec. 5 Due sale time, 6 due Feb. & Mar bal due mostly April & May Several fancy udder cows, some milking upwards to 80 lbs. 5 heifers bred for spring, 11 breeding age & 14 vacc open heifers from calf to short yearlings Service age bull. 70% home-raised, 30 day health charts, Preg checked **Sale order: 11AM wagon items, machinery, dairy equip, cattle app. 12 noon. Terms: Cash or good check**

Owners,
PAUL & SUSIE MACK
Conducted by Fraley Auction Co.
Muncy, Pa.
(717)546-6907
AU001194L

Lunch, dairy sale under tent

MELVIN KOLB, INC.

IS HAVING A BIG SALE OF
150 HIGHEST QUALITY HOLSTEINS

THURSDAY, JANUARY 16, 1986
11:00 A.M.

LOCATION:
At my Maryland Farm, located ½ mile northwest of WOODSBORO, Route 550, in Frederick Co.

25 Fancy Fresh First Calf Heifers from Maine;
25 Fancy Fresh First Calf Heifers from New England Sts;
20 Real Good Wisconsin Cows;
25 Good Purebred Cows & Heifers from PA & NY;
50 Grade Cows hand picked from Herds, really milking!!
2 Lineback cows
2 Red & Whites

FARMERS: If you need good cows, don't miss this Sale. You will see one of the finest selections ever! We tried to pick the most outstanding cows from the best herds in several states. There will be real Top Purebreds & big fancy Grade cows.

Here is a sample of some of the cows:

SPECIAL MENTION

* A VG,87 VVVE POVERTY—17,430m 550f, bred 4/6/85 is VG,88-VVVE Willow Farm 24,100m 3.7% 885f, next dam 739f, next dam is VG as 4-0 305d 15,940m 3.5% 563f. HOLLOW MILESTONE dau., as 4-2 279d to Cochran Pete Radar-ET, her dam Rockman Ivanhoe dau., as 6-8 365d VG,88 as a 7-0 329d 21,200m 3.5%
* A Fancy 2 yr. old HILLTOPPER ELEVATION WARDEN dau., she is a show heifer & springing to Knob-View Sex Lynn.
* A Good Big Fancy 4 yr. old ELEVATION dau., springing to Puget Sound Sheik.
* A Real nice S-W-D VALIANT dau., just fresh from a dam by Indianhills Senator Flame, her records as 5-11 307d 21,286m 713f, never scored, next dam is VG as 4 yr. old 3-9 305d 17,460m 3.8% 670f, next dam is GP,82 as 5-3 305d 20,810m 3.5% 726f, next dam is VG,86.
* A Fancy 2 yr. old S-W-D VALIANT dau.
* A ZION-VIEW AMYS GRAND FORTUNE dau., bred 4/25/85 to Clover Hill Trophy, her dam GP,83 as 4-3 327d 19,055m 3.5% 676f.
* A Nice MILU BETTY IVANHOE CHIEF dau., springing. *+ a fancy CHAIRMAN 1st calf heifer.
* And many more good ones, but not in this ad. We will have the kind you want!

DOOR PRIZE: Purebred Heifer Calf

Must by a buyer to be eligible & present to win.

FREE TRANSPORTATION for Lancaster Amish: Please call 569-2106 or 6800 before Wednesday night, JAN. 15TH tell us a time it suits you to be picked up & we try our best to arrange it.

FREE LUNCH FOR ALL DAIRY FARMERS

MD Farm:
11342 Creagerstown Rd.
Woodsboro, MD 21798
301-898-7663 or 898-7720

Auctioneer: Robert Mullendore AU-000644-L
Pedigrees: Henry Kettering
Sale Manager: Thomas & Mel Kolb

"The Place to Buy Quality Cows IN 1986!!"

Ask Your Purina Farm Consultant.

Timely topics and tips for Q-A discussion.

Q Who feeds high energy milking rations?

A According to Hoard's Dairyman, a 1983 survey revealed that of dairymen with 20,000 pound herd averages, one-half were feeding extra fat to their cows. The fat sources included whole cotton seeds, soybeans, high-fat commercial feeds and other plant and animal fats.

Q Does Purina Maxi Tech 40 fit this group?

A Yes, but it is much more! Purina Maxi Tech 40 is new in the Purina line of concentrates and while it is the highest energy dairy concentrate available today, it is much more than simply a fat added feed. Nutritional technology new to the industry was used to design this product to maximize your herds performance and to help you earn your best possible bottom line.

Q How was this product developed?

A Through research. The future of animal agriculture and the dairy industry depends, to a large extent, on the development and application of ideas, information and knowledge for more efficient and profitable production. That is what research is all about - development and testing of ideas and applying those that prove beneficial. Maxi Tech 40 is such a development.

• • •

If you have a question that you would like to see discussed about dairy nutrition or dairy herd management, ask your Purina Farm Consultant or send your questions to:

Ask Your Purina Farm Consultant
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